



HAWAII INTERNATIONAL CONFERENCE ON SYSTEM SCIENCES
Hilton Hawaiian Village Waikiki Beach Resort | January 3-6, 2024





Reef triggerfish or humuhumunukunukuāpua'a is the State Fish of Hawai'i.
The image of the triggerfish on the front cover and other conference materials
was created by Alexandra Nicole, <https://artbyalexandranicole.com/>

HICSS-57, A CO-CREATION BY

1 Keynote Speaker

98 Symposia, Workshops,
and Tutorials Leaders

2,316 Authors from 764 Papers

2,782 Reviewers

532 Minitrack Chairs

21 Track Chairs

1 Conference Chair

9 HICSS Staff and Helpers

1,300 Conference Attendees from over
45 Countries and Counting

CONFERENCE CHAIR

Tung Bui, University of Hawai'i at Mānoa

CONFERENCE PROGRAM COORDINATOR

Thayanan Phuaphanthong, University of Hawai'i at Mānoa

TRACK CHAIRS**Collaboration Systems and Technology**

Gert-Jan de Vreede, University of South Florida

Jay Nunamaker, Jr., University of Arizona

Decision Analytics and Service Science

Christer Carlsson, Abo Akademi University, Finland

Haluk Demirkan, University of Washington-Tacoma

Digital and Social Media

Kevin Crowston, Syracuse University

Digital Government

Mila Gascó-Hernandez, University at Albany, SUNY

Christian Schaupp, West Virginia University

Electric Energy Systems

Thomas Overbye, Texas A&M University

C. Lindsay Anderson, Cornell University

Information Technology in Healthcare

William Chismar, University of Hawai'i at Mānoa

Rochelle Rosen, Brown University

Internet and the Digital Economy

Alan Dennis, Indiana University

Joseph Valacich, University of Arizona

Knowledge Innovation & Entrepreneurial Systems

Murray Jennex, West Texas A&M University

David Croasdell, University of Nevada, Reno

Organizational Systems and Technology

Hugh J. Watson, University of Georgia

Dorothy Leidner, University of Virginia

Software Technology

Rick Kazman, University of Hawai'i at Mānoa

HICSS-57 Invited Track: Information**Technology, Social Justice, and Marginalized Contexts**

K.D. Joshi, University of Nevada, Reno

Xuefei Nancy Deng, California State University,

Dominguez Hills

HICSS-57 Invited Track: Location Intelligence

Thomas Horan, University of Redlands

HICSS-58 CALL FOR PARTICIPATION

JANUARY 7-10, 2025 | HILTON WAIKOLOA VILLAGE - BIG ISLAND

The Hawai'i International Conference on System Sciences (HICSS) invites submission of:

- Symposium, Workshop, and Tutorial (SWT) Proposals;
- Minitrack Proposals;
- Papers; and
- Application for Pre-Conference Doctoral Consortium

Please check hicss.hawaii.edu for more information.

Important Dates for Symposium, Workshop, and Tutorial (SWT) Proposals

February 28, 2024 | 11:59 pm HST: Deadline for SWT proposal submission

March 28, 2024 | 11:59 pm HST: Notification of acceptance/rejection

Important Dates for Minitrack Proposals

February 12, 2024 | 11:59 pm HST: Submission deadline for minitrack proposal

February 21, 2024 | 11:59 pm HST: Notification of acceptance/rejection

Important Dates for Paper Submission

June 15, 2024 | 11:59 pm HST: Paper submission deadline

August 17, 2024 | 11:59 pm HST: Notification of acceptance/rejection

September 22, 2024 | 11:59 pm HST: Deadline for authors to submit final manuscript for publication

October 1, 2024 | 11:59 pm HST: Deadline for at least one author of each paper to register for HICSS-58

Important Dates for Pre-Conference Doctoral Consortium Application

June 30, 2024 | 11:59 pm HST: Application deadline (11:59 pm HST)

August 17, 2024 | 11:59 pm HST: Notification of acceptance/rejection

● Tuesday | January 2

08:30 - 07:00 Pre-Conference Doctoral Consortium

12:00 - 05:00 Registration

● Wednesday | January 3

08:00 - 05:00 Registration

09:00 - 10:15 Symposia, Workshops, and Tutorials

10:15 - 10:45 Coffee Break

10:45 - 12:00 Symposia, Workshops, and Tutorials

12:00 - 01:00 Lunch on your own

01:00 - 02:15 Symposia, Workshops, and Tutorials

02:15 - 02:45 Coffee Break

02:45 - 04:00 Symposia, Workshops, and Tutorials

04:20 - 05:00 Meeting - Track Chairs and Minitrack Chairs (See pp. 16 - 17 for location)

05:00 - 05:30 Meeting - Minitrack Chairs and Authors (See pp. 16 - 17 for location)

06:00 - 07:00 Welcome Reception at Great Lawn | 1-hour Hosted Bar Courtesy of Hilton Hawaiian Village

● Thursday | January 4

07:30 - 05:00 Registration

08:00 - 09:30 Paper Sessions

09:30 - 10:00 Coffee Break

10:00 - 11:30 Paper Sessions

11:30 - 12:30 Lunch

12:45 - 01:50 Keynote Address at Coral 4

02:00 - 03:30 Paper Sessions

03:30 - 04:00 Coffee Break

04:00 - 05:30 Women's Networking at Coral 2 | Paper Sessions

05:30 - 06:30 Women's Networking continued at Coral Lounge

● Friday | January 5

07:30 - 05:00 Registration

08:00 - 09:30 Paper Sessions

09:30 - 10:00 Coffee Break

10:00 - 11:30 Paper Sessions

11:30 - 12:30 Lunch

12:45 - 01:50 Special Plenary Meeting at Coral 4

02:00 - 03:30 Paper Sessions

03:30 - 04:00 Coffee Break

04:00 - 05:30 Paper Sessions

06:00 - 07:00 Meet the Editors at Coral Lounge

● Saturday | January 6

07:30 - 05:00 Registration

08:00 - 09:30 Paper Sessions

09:30 - 10:00 Coffee Break

10:00 - 11:30 Paper Sessions

11:30 - 12:30 Lunch

12:45 - 01:50 Best Paper Award Ceremony at Coral 4

02:00 - 03:30 Paper Sessions

03:30 - 04:00 Coffee Break

04:00 - 05:30 Paper Sessions

06:00 - 07:00 Closing Reception at Great Lawn

**WIFI Internet Connection**

Network ID: **Hilton_Meetings**

Password: **hicss2024**

EVENT MATRICES

- 16** Wednesday January 3, 2024
- 18** Thursday January 4, 2024
- 20** Friday January 5, 2024
- 22** Saturday January 6, 2024

PLENARY SESSIONS

- 24** Unlocking \$25T: AI's Role in Shaping the Future of Industry
Christopher C. Nguyen, CEO and Cofounder, Aitomatic Inc.
- 25** Special Plenary Meeting: Unveiling the Research Frontiers in
the Age of Generative AI
HICSS Conference Chair and Track Chairs

HICSS-57 SPECIAL

- 26** WOMEN'S NETWORKING
- 26** MEET THE EDITORS

SYMPOSIA, WORKSHOPS, AND TUTORIALS

- 28** **ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING**
 - 28** AI in Cybersecurity - Machine Learning / Deep Learning Data Analytics
 - 28** Facing the Future - Implementing AI-powered Digital Humans across Disciplines
 - 28** Social Robots and Smart Toys
 - 28** The AI Augmentation Design Problem: Using Design Sprints as a Co-Creation Tool
- 29** **CURRICULUM DESIGN AND DEVELOPMENT**
 - 29** Advancing Design Science Research Education: Opportunities and Challenges of Teaching DSR
 - 29** Google Cloud Big Data Essentials Workshop

- 29** Healthcare Business Analytics: What is Healthcare Business Analytics? Curriculum, Datasets, & Course Mapping
- 29** Opportunities and Challenges of Generative AI in Education
- 29** Technologies for Business Analytics & Information Systems: A Hands-On Exploration Resource Availability
- 29** The Low Code Movement – Crafting a New Direction for the Digital Enterprises

- 29 DATA ANALYTICS AND GOVERNANCE**
 - 29** Advanced Text Mining and Analytics: Understanding the HICSS Paper Corpus
 - 30** FAIR Data and Software Management in the Age of AI

- 30 DIGITAL HEALTH**
 - 30** Next Generation Digital Health - Challenges and Opportunities
 - 30** Novel Data, Analytics, Predictive Intelligence, and Decision-Making for Pandemics and Emerging Diseases
 - 30** The Interface between Invasive Biosensing Technologies and Behavioral Change

- 30 IT, BUSINESS, AND SOCIETY**
 - 30** Advanced Technologies, Time, Space, and Trust in the Future of Work and Organizing
 - 31** AI in Design and Process Science
 - 31** Corporate Digital Responsibility
 - 31** Creation of ‘Global Digitalization Research Agenda and Group’
 - 31** Democratize Accessibility to Human Body Information: Opportunities and Challenges
 - 31** Digital Art Uncovered
 - 31** Echo Chamber, Filtering Bubble, and Informational Health
 - 32** Envisioning and Realizing the Democratizing Power of System Sciences to Combat Systemic Abuses of Power
 - 32** Fostering Inclusive Excellence in the HICSS Community
 - 32** Human Augmentation and the Future of Work – Harnessing the Advances in Augmented Intelligence and Augmented Reality
 - 32** Inter-Disciplinary Studies on Technology and Its Impact on Business, Regulation, Law, and Social Welfare
 - 32** Journal of Service Research Paper Development Workshop on GenAI Service
 - 32** Regulating Digital Innovation: Policies, Practices, and Potentials

33 SCIENTIFIC INQUIRY AND RESEARCH METHODS

- 33** Applications of the Meta Content Library for Social Media Research
- 33** Applying Netnography: Incorporating Immersive and Generative AI Approaches
- 33** Basics of Eye Tracking Methodology for User Experience Research
- 33** Evaluation and Validation of Artifacts in Design Science
- 33** The Craft of Scholarly Writing for Publication - JAIS Workshop

34 SECURITY AND PRIVACY

- 34** Co-creating Value in Cybersecurity Policy
- 34** Credibility Assessment and Screening Technologies Symposium
- 34** Towards Human-AI Trust Calibration in Cyber Security

34 TECHNOLOGY FOR ENVIRONMENTALLY SUSTAINABLE DEVELOPMENT

- 34** Sustainable Energy and Computing

SCHEDULE OF PAPER PRESENTATIONS BY TRACKS AND MINITRACKS

36 COLLABORATION SYSTEMS AND TECHNOLOGIES

- 36** Advances in Teaching and Learning Technologies
- 36** Adversarial Behavior in Collaboration and Social Media Systems
- 36** AI and the Future of Work
- 37** Business Intelligence and Big Data for Innovative, Collaborative and Sustainable Development of Organizations in Digital Era
- 37** Collaboration Ecosystems
- 38** Collaboration in Online Communities: Information Processing and Decision Making
- 38** Collaboration with Intelligent Systems: Machines as Teammates
- 38** Collaborative Robots (Cobots) for Emergency Situations
- 38** Conversational AI and Ethical Issues
- 39** Cross-Organizational and Cross-Border IS/IT Collaboration
- 39** Cybersecurity in the Age of Artificial Intelligence, AI for Cybersecurity, and Cybersecurity for AI
- 39** Design, Development, and Evaluation of Collaboration Technologies
- 39** Human-Robot Interactions
- 40** IT Enabled Collaboration for Development
- 40** Open Science Practices in Information Systems Research

- 40** Responsible Innovation in Collaborative, Connected, and Intelligent Systems: Design, Implementation, and Governance
- 40** Shaping Future Interactions with Social Robots and Service Robots
- 40** Virtual Collaboration, Organizations, and Networks

41 DECISION ANALYTICS AND SERVICE SCIENCE TRACK

- 41** AI-based Decision Support for Organizational Processes
- 41** Analytics and Decision Support for Green IS and Sustainability Applications
- 41** Big Data and Analytics: Pathways to Maturity
- 42** Cognitive and Neuroscience Research in IS
- 42** Cyber Deception and Cyberpsychology for Defense
- 42** Data Science and Machine Learning to Support Business Decisions
- 43** Data-driven Services and Servitization in Manufacturing: Innovation, Engineering, Transformation, and Management
- 43** Decision Analytics and Artificial Intelligence in Blockchain Autonomous Systems
- 43** Decision Intelligence and Visual Analytics
- 43** Decision Making with Sustainable, Fair and Trustworthy AI
- 44** Decision Systems for Smart Farming
- 44** Digital Mobile Services for Everyday Life
- 44** Digitization of the Individual - Personal Decision Analytics
- 44** Drivers for Next Level Digital Service Innovation: Metaverse, IoT and Generative AI
- 44** Educational Data Mining for Decision Making
- 44** Explainable Artificial Intelligence (XAI)
- 45** Gamification
- 45** Information Security in the Era of Artificial General Intelligence (AGI)
- 45** Intelligent Decision Support for Logistics and Supply Chain Management
- 45** Intelligent Decision Support on Networks - Data-driven Optimization, Augmented and Explainable AI in Complex Supply Chains
- 45** Learning Analytics
- 46** Mixed Reality and Metaverse: Socio-Behavioral Applications
- 46** Practitioner Research Insights: Applications of Science and Technology to Real-World Innovations
- 46** Qualitative Comparative Analysis in Business and Management Research
- 46** Service Analytics

- 47** Service Science
- 47** Services for All: Inclusion, Accessibility, and Diversity
- 47** Simulation Modeling and Digital Twins for Decision Making in the Age of Industry 4.0
- 47** Smart and Sustainable Mobility Services and Ecosystems
- 47** Smart Tourism and Data-driven Decision Making
- 48** Social Robots - Robotics and Toy Computing
- 48** Soft Computing: Theory Innovations and Problem-Solving Benefits
- 48** Technology and Analytics in Emerging Markets (TAEM)

48 DIGITAL AND SOCIAL MEDIA TRACK

- 48** Applying Netnographic Research in the System Sciences Context-Insights, Illustrations, and Intersections
- 49** Critical and Ethical Studies of Digital and Social Media
- 49** Culture, Identity, and Inclusion
- 50** Data Analytics, Data Mining, and Machine Learning for Social Media
- 50** Decision Making in Online Social Networks
- 51** Digital and Social Media in Enterprise
- 51** Games and Gaming
- 51** Generative AI and AI-generated Contents on Social Media
- 51** Mediated Conversation
- 52** Social Media Influencers and Influencing
- 52** Streaming Media in Entertainment

52 DIGITAL GOVERNMENT TRACK

- 52** AI in Government
- 53** Cybersecurity and Privacy in Government
- 53** Design, Implementation, and Management of Digital Government Policies and Strategies
- 54** Digital Government Theory: Development and Application
- 54** Disaster Information, Resilience, for Emergency and Crisis Technologies
- 54** Diversity, Equity, and Inclusion in Digital Government: Narrowing the Divides
- 54** Emerging Topics in Digital Government
- 55** Smart and Connected Cities and Communities

55 ELECTRIC ENERGY SYSTEMS TRACK

- 55** Resilient Networks
- 56** Distributed, Renewable, and Mobile Resources
- 56** Monitoring, Control, and Protection
- 56** Policy, Markets, and Analytics

58 INFORMATION TECHNOLOGY IN HEALTHCARE TRACK

- 58** Body Sensor Networks for Personalized Medicine
- 58** Cybercrimes in Healthcare
- 58** Data Platforms and Ecosystems in Healthcare
- 58** Decision Support for Healthcare Processes and Services
- 59** Digital Innovations for the Aging Society
- 59** Digitally-enabled Blood Testing in Healthcare
- 60** Health Behavior Change Support Systems
- 60** Healthcare Applications for Personal Vehicles
- 60** IT Adoption, Diffusion, and Evaluation in Healthcare
- 61** Personal Health Management with Digital Solutions
- 61** Process Mining in Healthcare
- 62** Security and Privacy Challenges for Healthcare
- 62** Self-management of Chronic Diseases and Conditions
- 62** Social Media and Healthcare Technology
- 63** Technology, Machine Learning, and Bias in Emergency Care

63 INFORMATION TECHNOLOGY, SOCIAL JUSTICE, AND MARGINALIZED CONTEXTS TRACK

- 63** Artificial Intelligence and Digital Discrimination
- 64** Changing Nature of Work: Inclusive Labor Markets and Work Practices
- 64** Decolonizing Technology and Society
- 64** Diversity, Equity and Inclusion in Technology and Organizations
- 64** From Digital Divide to Digital Equity and Inclusion: ICT Access, Adoption, and Use among Vulnerable Populations
- 65** Gender and Technology
- 65** ICT and Social and Criminal Justice
- 65** Illicit Activity and Criminal Justice

- 66** STEM Education and Workforce Development: Addressing Equity and Inclusion for Underserved Populations
- 66** The Bright and Dark Side of Social Media in the Marginalized Contexts

66 INTERNET AND THE DIGITAL ECONOMY TRACK

- 66** Actors, Agents, and Avatars: Visualizing Digital Humans in E-Commerce and Social Media
- 66** Artificial Intelligence-based Assistants and Platforms
- 67** Crowd-based Platforms
- 68** Crowdsourcing and Digital Workforce in the Gig Economy
- 68** Cybercrime
- 68** Designing Data Ecosystems: Value, Impacts, and Fundamentals
- 68** Digital Innovation for a Sustainable Economy
- 69** Economic and Societal Impacts of Technology, Data, and Algorithms
- 69** Electronic Marketing
- 69** Esports
- 70** Federated Industrial Platform Ecosystems: Technologies, Business Models, and Data-Driven Artifacts
- 70** FinTech: Disruption in Financial Services
- 70** Hospitality and Tourism in a Global Digital Economy - New Models, Services, and Performance
- 70** Human-centricity in a Sustainable Digital Economy
- 71** Human-Computer Interaction in the Digital Economy
- 71** Innovative Behavioral IS Security and Privacy Research
- 72** Making Digital Transformation Real
- 72** Social Commerce: The Good, the Bad, and the Ugly
- 72** The Dark and Bright Sides of the Metaverse
- 72** The Diffusion, Impacts, Adoption and Usage of ICTs upon Society
- 73** The Digital Supply Chain of the Future: Applications, Implications, Business Models
- 73** The Internet of Everywhere (IoE): Places, People, and Things
- 73** The Societal and Economic Dynamics of the Metaverse, Smart Contracts, and Non-Fungible Tokens
- 73** Web3 Technologies for Digital Innovation and Transformation

74 KNOWLEDGE INNOVATION AND ENTREPRENEURIAL SYSTEMS TRACK

- 74** Computing Education
- 74** Design and Appropriation of Knowledge, Chatbot and Other AI Systems
- 74** Design and Architectures of Data-Centric and Knowledge Based Systems
- 75** Digitalization of Work
- 75** EdTech and Emerging Technologies
- 75** Game-based Learning
- 75** Global Digital Business
- 76** Innovation and Entrepreneurship: Theory and Practice
- 76** Knowledge Flow, Transfer, Sharing, and Exchange
- 76** Securing Knowledge, Innovation, and Entrepreneurial Systems and Managing Knowledge Risks
- 76** The Future of Knowledge Management: Visions, Opportunities, and Challenges
- 77** The Technical, Socio-Economic, and Ethical Aspects of AI
- 77** Value, Success, and Performance Measurements of Knowledge, Innovation and Entrepreneurial Systems

77 LOCATION INTELLIGENCE

- 77** Geospatial Big Data Analytics
- 77** Location Intelligence Research in System Sciences

78 ORGANIZATIONAL SYSTEMS AND TECHNOLOGY TRACK

- 78** Advances in Design Science Research
- 78** Advances in Trust Research: How Context and Digital Technologies Matter
- 78** AI, Organizing, and Management
- 79** Blockchain Cases and Innovations
- 79** Business Process Technology
- 80** Conceptualisation, Evaluation and Integration of Digital Opportunity Recognition
- 80** Dark Sides of Digitalization
- 80** Data Analytics, Strategy, and Business Values
- 80** Data and Analytics Driven Digital Transformation in Organizations and Society
- 80** Digital Innovation, Transformation, and Entrepreneurship
- 81** Digital Transformations of Business Operations
- 82** Dynamics and Impacts of Platforms and Ecosystems

- 82** Enterprise Ecosystems: The Integrated Enterprise, Levels of Information Systems Research (Process, Enterprise-, Ecosystem- & Industry-Level)
- 82** Human Flourishing in the Digital Era: Individual, Organizational, and Societal Possibilities and Pitfalls
- 82** Informing Research: Engaging with Futures
- 82** IS for Social Good and Ills: Implications for Research, Practice, and Policy
- 83** IT Governance and its Mechanisms
- 83** Metaverse
- 84** Practice-based IS Research
- 84** Socio-Technical Issues in Organizational Information Technologies
- 84** Special Topics in Organizational Systems and Technology
- 85** Technological, Educational, and Organizational Impacts of Global Crises

85 SOFTWARE TECHNOLOGY TRACK

- 85** Agile and Lean: Organizations, Products and Development
- 85** AI-based Methods and Applications for Software Engineering
- 86** Application, Adoption, and Impact of Emerging Technologies
- 86** Critical Infrastructure and Cyber Systems
- 86** Cyber Operations, Defense, and Forensics
- 86** Cybersecurity and Software Assurance
- 87** Digital Twins: Platforms, Methods, Applications, and Impact
- 87** Generative and Conversational AI in Information Systems Research and Education: Opportunities and Challenges
- 87** Intelligent Edge Computing in Pervasive Environments
- 88** Machine Learning and AI: Cybersecurity and Threat Hunting
- 88** Security and Privacy Aspects of Human-Computer-Interactions
- 88** Smart Application Development and Data Streaming: IoT, I4.0, Smart Cities and More
- 88** Software Sustainability: Research on Usability, Maintainability, and Reproducibility
- 89** Software Technology and Software Development
- 89** Trustworthy Artificial Intelligence and Machine Learning

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99 RESORT MAP

HICSS-57

EVENT SCHEDULE

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9:00 - 10:15	AI in Design and Process Science p.31	AI in Cybersecurity - Machine Learning / Deep Learning Data Analytics p.28	Opportunities and Challenges of Generative AI in Education p.29	Evaluation and Validation of Artifacts in Design Science p.33	Advanced Technologies, Time, Space, and Trust in the Future of Work and Organizing p.30	Social Robots and Smart Toys p.28	Basics of Eye Tracking Methodology for User Experience Research p.33	Google Cloud Big Data Essentials Workshop p.29	Novel Data, Analytics, Predictive Intelligence, and Decision-Making for Pandemics and Emerging Diseases p.30	Technologies for Business Analytics & Information Systems: A Hands-On Exploration Resource Availability p.29
10:15 - 10:45	COFFEE BREAK									
10:45 - 12:00	AI in Design and Process Science p.31	AI in Cybersecurity - Machine Learning / Deep Learning Data Analytics p.28	Opportunities and Challenges of Generative AI in Education p.29	Evaluation and Validation of Artifacts in Design Science p.33	Advanced Technologies, Time, Space, and Trust in the Future of Work and Organizing p.30	Social Robots and Smart Toys p.28	Basics of Eye Tracking Methodology for User Experience Research p.33	Google Cloud Big Data Essentials Workshop p.29	Novel Data, Analytics, Predictive Intelligence, and Decision-Making for Pandemics and Emerging Diseases p.30	Technologies for Business Analytics & Information Systems: A Hands-On Exploration Resource Availability p.29
12:00 - 1:00	LUNCH ON YOUR OWN									
1:00 - 2:15	AI in Design and Process Science p.31	Facing the Future – Implementing AI-powered Digital Humans across Disciplines p.28	Human Augmentation and the Future of Work – Harnessing the Advances in Augmented Intelligence and Augmented Reality p.32	Next Generation Digital Health - Challenges and Opportunities p.30	The Craft of Scholarly Writing for Publication - JAIS Workshop p.33	Towards Human-AI Trust Calibration in Cyber Security p.34	Advancing Design Science Research Education: Opportunities and Challenges of Teaching DSR p.28	Advanced Text Mining and Analytics: Understanding the HICSS Paper Corpus p.29	Novel Data, Analytics, Predictive Intelligence, and Decision-Making for Pandemics and Emerging Diseases p.30	Healthcare Business Analytics: What is Healthcare Business Analytics? Curriculum, Datasets, & Course Mapping p.29
2:15 - 2:45	COFFEE BREAK									
2:45 - 4:00	AI in Design and Process Science p.31	Facing the Future – Implementing AI-powered Digital Humans across Disciplines p.28	Human Augmentation and the Future of Work – Harnessing the Advances in Augmented Intelligence and Augmented Reality p.32	Next Generation Digital Health - Challenges and Opportunities p.30	The Craft of Scholarly Writing for Publication - JAIS Workshop p.33	Towards Human-AI Trust Calibration in Cyber Security p.34	Advancing Design Science Research Education: Opportunities and Challenges of Teaching DSR p.28	Advanced Text Mining and Analytics: Understanding the HICSS Paper Corpus p.29	Novel Data, Analytics, Predictive Intelligence, and Decision-Making for Pandemics and Emerging Diseases p.30	Healthcare Business Analytics: What is Healthcare Business Analytics? Curriculum, Datasets, & Course Mapping p.29
4:20 - 5:00 Meeting – Track Chairs & Minitrack Chairs	Organizational Systems and Technology	Decision Analytics and Service Science	Internet and the Digital Economy	Collaboration Systems and Technologies	Digital and Social Media	Information Technology in Healthcare	Software Technology	Information Technology, Social Justice, and Marginalized Contexts	Knowledge Innovation and Entrepreneurial Systems	Electric Energy Systems
5:00 - 5:30 Meeting – Minitrack Chairs & Authors	Organizational Systems and Technology	Decision Analytics and Service Science	Internet and the Digital Economy	Collaboration Systems and Technologies	Digital and Social Media	Information Technology in Healthcare	Software Technology	Information Technology, Social Justice, and Marginalized Contexts	Knowledge Innovation and Entrepreneurial Systems	Electric Energy Systems
6:00 - 7:00	WELCOME RECEPTION AT GREAT LAWN 1-HOUR HOSTED BAR COURTESY OF HILTON HAWAIIAN VILLAGE									

WEDNESDAY | JANUARY 3, 2024

Kahili 1	Kahili 2	Hibiscus 1	Hibiscus 2	Sea Pearl 1	Sea Pearl 2	Sea Pearl 3	Sea Pearl 4	Illima Boardroom	S Pacific Boardroom	03-JAN
Inter-Disciplinary Studies on Technology and Its Impact on Business, Regulation, Law, and Social Welfare p.32	Applying Netnography: Incorporating Immersive and Generative AI Approaches p.33	Journal of Service Research Paper Development Workshop on GenAI Service p.32	Corporate Digital Responsibility p.31	FAIR Data and Software Management in the Age of AI p.30	Co-creating Value in Cybersecurity Policy p.34	Regulating Digital Innovation: Policies, Practices, and Potentials p.32	The Interface between Invasive Biosensing Technologies and Behavioral Change p.30	Digital Art Uncovered p.31	Credibility Assessment and Screening Technologies Symposium p.34	9:00 - 10:15
COFFEE BREAK										10:15 - 10:45
Inter-Disciplinary Studies on Technology and Its Impact on Business, Regulation, Law, and Social Welfare p.32	Applying Netnography: Incorporating Immersive and Generative AI Approaches p.33	Journal of Service Research Paper Development Workshop on GenAI Service p.32	Corporate Digital Responsibility p.31	FAIR Data and Software Management in the Age of AI p.30	Co-creating Value in Cybersecurity Policy p.34	Regulating Digital Innovation: Policies, Practices, and Potentials p.32	The Interface between Invasive Biosensing Technologies and Behavioral Change p.30	Digital Art Uncovered p.31	Credibility Assessment and Screening Technologies Symposium p.34	10:45 - 12:00
LUNCH ON YOUR OWN										12:00 - 1:00
The AI Augmentation Design Problem: Using Design Sprints as a Co-Creation Tool p.28	Echo Chamber, Filtering Bubble, and Informational Health p.31	Sustainable Energy and Computing p.34	Envisioning and Realizing the Democratizing Power of System Sciences to Combat Systemic Abuses of Power p.32	Creation of "Global Digitalization Research Agenda and Group" p.31	The Low Code Movement – Crafting a New Direction for the Digital Enterprises p.29	Applications of the Meta Content Library for Social Media Research p.33	Democratize Accessibility to Human Body Information: Opportunities and Challenges p.31	Fostering Inclusive Excellence in the HICSS Community p.32	Credibility Assessment and Screening Technologies Symposium p.34	1:00 - 2:15
COFFEE BREAK										2:15 - 2:45
The AI Augmentation Design Problem: Using Design Sprints as a Co-Creation Tool p.28	Echo Chamber, Filtering Bubble, and Informational Health p.31	Sustainable Energy and Computing p.34	Envisioning and Realizing the Democratizing Power of System Sciences to Combat Systemic Abuses of Power p.32	Creation of "Global Digitalization Research Agenda and Group" p.31	The Low Code Movement – Crafting a New Direction for the Digital Enterprises p.29	Applications of the Meta Content Library for Social Media Research p.33	Democratize Accessibility to Human Body Information: Opportunities and Challenges p.31	Fostering Inclusive Excellence in the HICSS Community p.32	Credibility Assessment and Screening Technologies Symposium p.34	2:45 - 4:00
Location Intelligence			Digital Government							4:20 - 5:00 Meeting – Track Chairs & Minitrack Chairs
Location Intelligence			Digital Government							5:00 - 5:30 Meeting – Minitrack Chairs & Authors
WELCOME RECEPTION AT GREAT LAWN 1-HOUR HOSTED BAR COURTESY OF HILTON HAWAIIAN VILLAGE										6:00 - 7:00

HICSS-57

EVENT SCHEDULE

04-JAN	Coral 1	Coral 2	Coral 5	S Pacific 1	S Pacific 2	S Pacific 3	S Pacific 4	Sea Pearl 1	Sea Pearl 2	Sea Pearl 3
8:00 - 9:30	OS2: Advances in Trust Research: How Context and Digital Technologies Matter p.78	DA8: Data Science and Machine Learning to Support Business Decisions p.42	IN18: Federated Industrial Platform Ecosystems: Technologies, Business Models, and Data-Driven Artifacts p.70	CL12: Collaboration with Intelligent Systems: Machines as Teammates p.38	DA5: Cognitive and Neuroscience Research in IS p.42 DA1: AI-based Decision Support for Organizational Processes p.41	HC23: Technology, Machine Learning, and Bias in Emergency Care p.63	IN8: Crowdsourcing and Digital Workforce in the Gig Economy p.68	OS12: Dark Sides of Digitalization p.80	IN31: The Dark and Bright Sides of the Metaverse p.72	HC21: Social Media and Healthcare Technology p.62
9:30 - 10:00	COFFEE BREAK									
10:00 - 11:30	OS16: Digital Innovation, Transformation, and Entrepreneurship p.80	DA9: Data Science and Machine Learning to Support Business Decisions p.43	IN19: Federated Industrial Platform Ecosystems: Technologies, Business Models, and Data-Driven Artifacts p.70	CL13: Collaboration with Intelligent Systems: Machines as Teammates p.38	ST1: Agile and Lean: Organizations, Products and Development p.85	HC24: Technology, Machine Learning, and Bias in Emergency Care p.63	IN25: Innovative Behavioral IS Security and Privacy Research p.71	OS13: Dark Sides of Digitalization p.80	IN35: The Societal and Economic Dynamics of the Metaverse, Smart Contracts, and Non-Fungible Tokens p.73	HC22: Social Media and Healthcare Technology p.62
			DA12: Decision Analytics and Artificial Intelligence in Blockchain Autonomous Systems p.43	CL25: Shaping Future Interactions with Social Robots and Service Robots p.40					DA18: Drivers for Next Level Digital Service Innovation: Metaverse, IoT and Generative AI p.44	
11:30 - 12:30	BUFFET LUNCH									
12:45 - 1: 50	KEYNOTE ADDRESS: UNLOCKING \$25T: AI'S ROLE IN SHAPING THE FUTURE OF INDUSTRY AT CORAL 4									
2:00 - 3:30	OS17: Digital Innovation, Transformation, and Entrepreneurship p.81	DA10: Data Science and Machine Learning to Support Business Decisions p.43 DA19: Educational Data Mining for Decision Making p.44	CL26: Virtual Collaboration, Organizations, and Networks p.40	CL20: Human-Robot Interactions p.39	ST2: Agile and Lean: Organizations, Products and Development p.85	HC1: Body Sensor Networks for Personalized Medicine p.58	IN26: Innovative Behavioral IS Security and Privacy Research p.71	OS9: Business Process Technology p.79	DA26: Mixed Reality and Metaverse: Socio-Behavioral Applications p.46	HC9: Health Behavior Change Support Systems p.60
3:30 - 4:00	COFFEE BREAK									
4:00 - 5:30	OS18: Digital Innovation, Transformation, and Entrepreneurship p.81	Women's Networking p.26	CL27: Virtual Collaboration, Organizations, and Networks p.41	DA36: Social Robots - Robotics and Toy Computing p.48	DA38: Technology and Analytics in Emerging Markets (TAEM) p.48	IN12: Digital Innovation for a Sustainable Economy p.68 DA2: Analytics and Decision Support for Green IS and Sustainability Applications p.41	IN27: Innovative Behavioral IS Security and Privacy Research p.71	OS10: Business Process Technology p.79	OS29: Metaverse p.83	HC10: Health Behavior Change Support Systems p.60 HC11: Healthcare Applications for Personal Vehicles p.60 HC8: Digitally-enabled Blood Testing in Healthcare p.59
5:30 - 6:30	WOMEN'S NETWORKING AT CORAL LOUNGE									

THURSDAY | JANUARY 4, 2024

Sea Pearl 4	Nautilus 1	Nautilus 2	Lehua Suite	Kahili 1	Kahili 2	Hibiscus 1	Hibiscus 2	Illima Boardroom	04-JAN
CL21: IT Enabled Collaboration for Development p.40	SJ11: STEM Education and Workforce Development: Addressing Equity and Inclusion for Underserved Populations p.66	KS14: The Future of Knowledge Management: Visions, Opportunities, and Challenges p.76	ES1: Resilient Networks p.55	ST3: AI-based Methods and Applications for Software Engineering p.85	HC7: Digital Innovations for the Aging Society p.59	DSM12: Games and Gaming p.51	DG8: Disaster Information, Resilience, for Emergency and Crisis Technologies p.54	OS19: Digital Transformations of Business Operations p.81	8:00 - 9:30
COFFEE BREAK									9:30 - 10:00
CL22: IT Enabled Collaboration for Development p.40	SJ6: From Digital Divide to Digital Equity and Inclusion: ICT Access, Adoption, and Use among Vulnerable Populations p.64	KS4: Design and Architectures of Data-Centric and Knowledge Based Systems p.74	ES2: Monitoring, Control, and Protection p.56	ST22: Trustworthy Artificial Intelligence and Machine Learning p.89	DSM1: Applying Netnographic Research in the System Sciences Context-Insights, Illustrations, and Intersections p.48	DSM13: Games and Gaming p.51	DG9: Disaster Information, Resilience, for Emergency and Crisis Technologies p.54	OS20: Digital Transformations of Business Operations p.81	10:00 - 11:30
				ST16: Smart Application Development and Data Streaming: IoT, I4.0, Smart Cities and More p.88					
BUFFET LUNCH									11:30 - 12:30
KEYNOTE ADDRESS: UNLOCKING \$25T: AI'S ROLE IN SHAPING THE FUTURE OF INDUSTRY AT CORAL 4									12:45 - 1: 50
DG12: Emerging Topics in Digital Government p.54	SJ7: From Digital Divide to Digital Equity and Inclusion: ICT Access, Adoption, and Use among Vulnerable Populations p.65	KS3: Design and Appropriation of Knowledge, Chatbot and Other AI Systems p.74 KS15: The Technical, Socio-Economic, and Ethical Aspects of AI p.77	ES3: Policy, Markets, and Analytics p.56	ST10: Generative and Conversational AI in Information Systems Research and Education: Opportunities and Challenges p.87	DSM2: Critical and Ethical Studies of Digital and Social Media p.49	IN16: Esports p.69	DG10: Disaster Information, Resilience, for Emergency and Crisis Technologies p.54 CL14: Collaborative Robots (Cobots) for Emergency Situations p.38	DA13: Decision Intelligence and Visual Analytics p.43 DA35: Smart Tourism and Data-driven Decision Making p.47	2:00 - 3:30
COFFEE BREAK									3:30 - 4:00
DG13: Emerging Topics in Digital Government p.55	CL24: Responsible Innovation in Collaborative, Connected, and Intelligent Systems: Design, Implementation, and Governance p.40	KS12: Knowledge Flow, Transfer, Sharing, and Exchange p.76	ES4: Distributed, Renewable, and Mobile Resources p.56	ST11: Generative and Conversational AI in Information Systems Research and Education: Opportunities and Challenges p.87 DSM14: Generative AI and AI-generated Contents on Social Media p.51	DSM3: Critical and Ethical Studies of Digital and Social Media p.49	IN17: Esports p.69	OS35: Technological, Educational, and Organizational Impacts of Global Crises p.85 OS11: Conceptualisation, Evaluation and Integration of Digital Opportunity Recognition p.80	IN21: Hospitality and Tourism in a Global Digital Economy - New Models, Services, and Performance p.70	4:00 - 5:30
WOMEN'S NETWORKING AT CORAL LOUNGE									5:30 - 6:30

HICSS-57

EVENT SCHEDULE

05-JAN	Coral 1	Coral 2	Coral 5	S Pacific 1	S Pacific 2	S Pacific 3	S Pacific 4	Sea Pearl 1	Sea Pearl 2	Sea Pearl 3
8:00 - 9:30	OS26: IT Governance and its Mechanisms p.83	IN33: The Digital Supply Chain of the Future: Applications, Implications, Business Models p.73	IN4: Crowd-based Platforms p.67	CL19: Design, Development, and Evaluation of Collaboration Technologies p.39	IN20: FinTech: Disruption in Financial Services p.70	HC20: Self-management of Chronic Diseases and Conditions p.62	OS33: Special Topics in Organizational Systems and Technology p.84	DA11: Data-driven Services and Servitization in Manufacturing: Innovation, Engineering, Transformation, and Management p.43	IN13: Economic and Societal Impacts of Technology, Data, and Algorithms p.69	IN1: Actors, Agents, and Avatars: Visualizing Digital Humans in E-Commerce and Social Media p.66
9:30 - 10:00	COFFEE BREAK									
10:00 - 11:30	OS27: IT Governance and its Mechanisms p.83	CL1: Advances in Teaching and Learning Technologies p.36	IN5: Crowd-based Platforms p.67	CL6: AI and the Future of Work p.36	OS6: Blockchain Cases and Innovations p.79	HC12: IT Adoption, Diffusion, and Evaluation in Healthcare p.60	OS34: Special Topics in Organizational Systems and Technology p.84	ST17: Software Sustainability: Research on Usability, Maintainability, and Reproducibility p.88	IN10: Designing Data Ecosystems: Value, Impacts, and Fundamentals p.68	HC3: Data Platforms and Ecosystems in Healthcare p.58
11:30 - 12:30	BUFFET LUNCH									
12:45 - 1: 50	SPECIAL PLENARY MEETING: UNVEILING THE RESEARCH FRONTIERS IN THE AGE OF GENERATIVE AI AT CORAL 4									
2:00 - 3:30	OS28: IT Governance and its Mechanisms p.83	CL2: Advances in Teaching and Learning Technologies p.36	IN6: Crowd-based Platforms p.67	CL7: AI and the Future of Work p.37	OS7: Blockchain cases and Innovations p.79	HC13: IT Adoption, Diffusion, and Evaluation in Healthcare p.60	OS31: Socio-Technical Issues in Organizational Information Technologies p.84	IN23: Human-Computer Interaction in the Digital Economy p.71	IN11: Designing Data Ecosystems: Value, Impacts, and Fundamentals p.68	HC15: Personal Health Management with Digital Solutions p.61
3:30 - 4:00	COFFEE BREAK									
4:00 - 5:30	OS23: Human Flourishing in the Digital Era: Individual, Organizational, and Societal Possibilities and Pitfalls p.82	CL3: Advances in Teaching and Learning Technologies p.36 DA25: Learning Analytics p.45	IN7: Crowd-based Platforms p.67	CL8: AI and the Future of Work p.37	OS8: Blockchain cases and Innovations p.79	HC14: IT Adoption, Diffusion, and Evaluation in Healthcare p.61	OS32: Socio-Technical Issues in Organizational Information Technologies p.84	IN24: Human-Computer Interaction in the Digital Economy p.71 ST15: Security and Privacy Aspects of Human-Computer-Interactions p.88	DSM10: Decision Making in Online Social Networks p.50	HC16: Personal Health Management with Digital Solutions p.61
6:00 - 7:00	MEET THE EDITORS AT CORAL LOUNGE									

FRIDAY | JANUARY 5, 2024

Sea Pearl 4	Nautilus 1	Nautilus 2	Lehua Suite	Kahili 1	Kahili 2	Hibiscus 1	Hibiscus 2	Illima Boardroom	05-JAN
DA21: Gamification p.45	DA32: Services for All: Inclusion, Accessibility, and Diversity p.47	KS7: EdTech and Emerging Technologies p.75	ES5: Monitoring, Control, and Protection p.56	ST7: Cybersecurity and Software Assurance p.86	DSM6: Data Analytics, Data Mining, and Machine Learning for Social Media p.50	DSM16: Social Media Influencers and Influencing p.52	DG1: AI in Government p.52	CL23: Open Science Practices in Information Systems Research p.40	8:00 - 9:30
COFFEE BREAK									9:30 - 10:00
L11: Geospatial Big Data Analytics p.77	SJ9: ICT and Social and Criminal Justice p.65	KS1: Computing Education p.74	ES6: Policy, Markets, and Analytics p.57	ST8: Cybersecurity and Software Assurance p.86	DSM7: Data Analytics, Data Mining, and Machine Learning for Social Media p.50	DSM17: Social Media Influencers and Influencing p.52	DG7: Digital Government Theory: Development and Application p.54	ST4: Application, Adoption, and Impact of Emerging Technologies p.86	10:00 - 11:30
				ST5: Critical Infrastructure and Cyber Systems p.86			DA34: Smart and Sustainable Mobility Services and Ecosystems p.47		
BUFFET LUNCH									11:30 - 12:30
SPECIAL PLENARY MEETING: UNVEILING THE RESEARCH FRONTIERS IN THE AGE OF GENERATIVE AI AT CORAL 4									12:45 - 1: 50
L12: Location Intelligence Research in System Sciences p.77	SJ3: Changing Nature of Work: Inclusive Labor Markets and Work Practices p.64 SJ4: Decolonizing Technology and Society p.64	KS2: Computing Education p.74	ES7: Resilient Networks p.57	ST13: Machine Learning and AI: Cybersecurity and Threat Hunting p.88	DSM8: Data Analytics, Data Mining, and Machine Learning for Social Media p.50	DSM18: Social Media Influencers and Influencing p.52	DG14: Smart and Connected Cities and Communities p.55	IN22: Human-centricity in a Sustainable Digital Economy p.70 DA16: Digital Mobile Services for Everyday Life p.44	2:00 - 3:30
COFFEE BREAK									3:30 - 4:00
L13: Location Intelligence Research in System Sciences p.78	SJ8: Gender and Technology p.65	KS8: Game-based Learning p.75	ES8: Distributed, Renewable, and Mobile Resources p.57	ST6: Cyber Operations, Defense, and Forensics p.86	DSM9: Data Analytics, Data Mining, and Machine Learning for Social Media p.50	DSM19: Social Media Influencers and Influencing p.52	DG15: Smart and Connected Cities and Communities p.55	ST14: Quantum Computing Applications p.88	4:00 - 5:30
MEET THE EDITORS AT CORAL LOUNGE									6:00 - 7:00

HICSS-57

EVENT SCHEDULE

06-JAN	Coral 1	Coral 2	Coral 5	S Pacific 1	S Pacific 2	S Pacific 3	S Pacific 4	Sea Pearl 1	Sea Pearl 2	Sea Pearl 3
8:00 - 9:30	OS3: AI, Organizing, and Management p.78	DA31: Service Science p.47	IN14: Electronic Marketing p.69	DA24: Intelligent Decision Support on Networks - Data-driven Optimization, Augmented and Explainable AI in Complex Supply Chains p.45	IN28: Making Digital Transformation Real p.72	SJ12: The Bright and Dark Side of Social Media in the Marginalized Contexts p.66 SJ10: Illicit Activity and Criminal Justice p.65	HC18: Security and Privacy Challenges for Healthcare p.62	DA6: Cyber Deception and Cyberpsychology for Defense p.42	OS15: Data and Analytics Driven Digital Transformation in Organizations and Society p.80	IN36: Web3 Technologies for Digital Innovation and Transformation p.73
9:30 - 10:00	COFFEE BREAK									
10:00 - 11:30	OS4: AI, Organizing, and Management p.78	DA29: Service Analytics p.46	IN15: Electronic Marketing p.69	DA23: Intelligent Decision Support for Logistics and Supply Chain Management p.45	IN29: Making Digital Transformation Real p.72	HC4: Decision Support for Healthcare Processes and Services p.58	HC19: Security and Privacy Challenges for Healthcare p.62	DA7: Cyber Deception and Cyberpsychology for Defense p.42	OS14: Data Analytics, Strategy, and Business Values p.80	IN37: Web3 Technologies for Digital Innovation and Transformation p.74
							HC2: Cybercrimes in Healthcare p.58	CL18: Cybersecurity in the Age of Artificial Intelligence, AI for Cybersecurity, and Cybersecurity for AI p.39	DA28: Qualitative Comparative Analysis in Business and Management Research p.46	
11:30 - 12:30	BUFFET LUNCH									
12:45 - 1: 50	BEST PAPER AWARD CEREMONY AT CORAL 4									
2:00 - 3:30	OS5: AI, Organizing, and Management p.79	DA30: Service Analytics p.46	CL10: Collaboration Ecosystems p.37	IN2: Artificial Intelligence-based Assistants and Platforms p.66	DA37: Soft Computing: Theory Innovations and Problem-Solving Benefits p.48	HC5: Decision Support for Healthcare Processes and Services p.59	IN9: Cybercrime p.68	OS22: Enterprise Ecosystems: The Integrated Enterprise, Levels of Information Systems Research (Process, Enterprise-, Ecosystem-, & Industry-Level) p.82	DA3: Big Data and Analytics: Pathways to Maturity p.41	DA33: Simulation Modeling and Digital Twins for Decision Making in the Age of Industry 4.0 p.47
3:30 - 4:00	COFFEE BREAK									
4:00 - 5:30	HC17: Process Mining in Healthcare p.61	DA20: Explainable Artificial Intelligence (XAI) p.44	IN34: The Internet of Everywhere (IoE): Places, People, and Things p.73	IN3: Artificial Intelligence-based Assistants and Platforms p.67	CL9: Business Intelligence and Big Data for Innovative, Collaborative and Sustainable Development of Organizations in Digital Era p.37	HC6: Decision Support for Healthcare Processes and Services p.59	SJ5: Diversity, Equity and Inclusion in Technology and Organizations p.64	OS21: Dynamics and Impacts of Platforms and Ecosystems p.82	DA4: Big Data and Analytics: Pathways to Maturity p.42	ST9: Digital Twins: Platforms, Methods, Applications, and Impact p.87
6:00 - 7:00	CLOSING RECEPTION AT GREAT LAWN									

SATURDAY | JANUARY 6, 2024

Sea Pearl 4	Nautilus 1	Nautilus 2	Lehua Suite	Kahili 1	Kahili 2	Hibiscus 1	Hibiscus 2	Illima Boardroom	06-JAN
DG2: Cybersecurity and Privacy in Government p.53	CL15: Conversational AI and Ethical Issues p.38	KS5: Digitalization of work p.75	ES9: Planning Session p.58	ST18: Software Technology and Software Development p.89	CL4: Adversarial Behavior in Collaboration and Social Media Systems p.36	DSM4: Culture, Identity, and Inclusion p.49	DA27: Practitioner Research Insights: Applications of Science and Technology to Real-World Innovations p.46 DG11: Diversity, Equity, and Inclusion in Digital Government: Narrowing the Divides p.54	KS9: Global Digital Business p.75 DSM11: Digital and Social Media in Enterprise p.51	8:00 - 9:30
COFFEE BREAK									9:30 - 10:00
DG3: Cybersecurity and Privacy in Government p.53	CL16: Conversational AI and Ethical Issues p.39	KS6: Digitalization of Work p.75	OS1: Advances in Design Science Research p.78	ST19: Software Technology and Software Development p.89	CL5: Adversarial Behavior in Collaboration and Social Media Systems p.36	DSM5: Culture, Identity, and Inclusion p.49	DG4: Design, Implementation, and Management of Digital Government Policies and Strategies p.53	DA14: Decision Making with Sustainable, Fair and Trustworthy AI p.43	10:00 - 11:30
DA22: Information Security in the Era of Artificial General Intelligence (AGI) p.45		DSM20: Streaming Media in Entertainment p.52			DSM15: Mediated Conversation p.51			ST12: Intelligent Edge Computing in Pervasive Environments p.87	
BUFFET LUNCH									11:30 - 12:30
BEST PAPER AWARD CEREMONY AT CORAL 4									12:45 - 1: 50
KS13: Securing Knowledge, Innovation, and Entrepreneurial Systems and Managing Knowledge Risks p.76	SJ1: Artificial Intelligence and Digital Discrimination p.63	KS10: Innovation and Entrepreneurship: Theory and Practice p.76	OS24: Informing Research: Engaging with Futures p.82	ST20: Software Technology and Software Development p.89	OS25: IS for Social Good and Ills: Implications for Research, Practice, and Policy p.82	IN30: Social Commerce: The Good, the Bad, and the Ugly p.72 DA17: Digitization of the Individual - Personal Decision Analytics p.44	DG5: Design, Implementation, and Management of Digital Government Policies and Strategies p.53	CL11: Collaboration in Online Communities: Information Processing and Decision Making p.38	2:00 - 3:30
COFFEE BREAK									3:30 - 4:00
DA15: Decision Systems for Smart Farming p.44	SJ2: Artificial Intelligence and Digital Discrimination p.64	KS11: Innovation and Entrepreneurship: Theory and Practice p.76 KS16: Value, Success, and Performance Measurements of Knowledge, Innovation and Entrepreneurial Systems p.77	OS30: Practice-based IS Research p.84	ST21: Software Technology and Software Development p.89	IN32: The Diffusion, Impacts, Adoption and Usage of ICTs upon Society p.72	CL17: Cross-Organizational and Cross-Border IS/IT Collaboration p.39	DG6: Design, Implementation, and Management of Digital Government Policies and Strategies p.53		4:00 - 5:30
CLOSING RECEPTION AT GREAT LAWN									6:00 - 7:00



UNLOCKING \$25T: AI'S ROLE IN SHAPING THE FUTURE OF INDUSTRY

CHRISTOPHER C. NGUYEN, PHD

CEO and Cofounder, Aitomatic Inc.

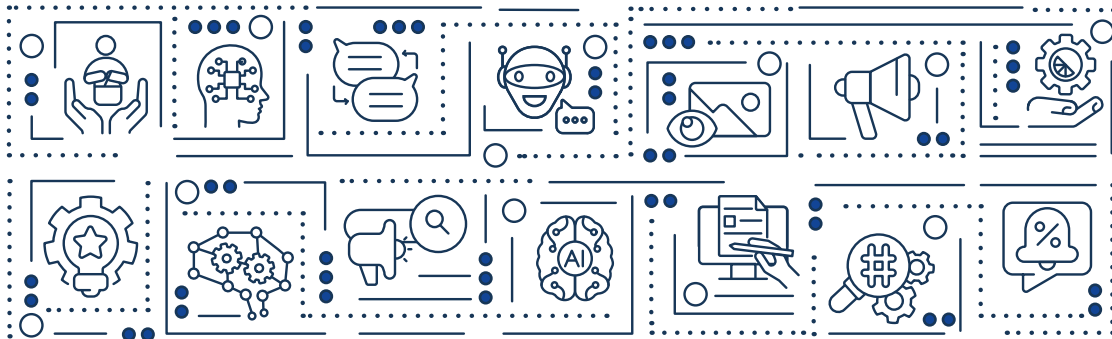
ABSTRACT: Generative AI has transitioned from a theoretical concept to a daily reality for businesses worldwide. Dr. Christopher Nguyen delves into the global perspectives on AI progress, exploring why some nations exhibit greater optimism. Focused on the industrial realm, he shares insights drawn from firsthand AI implementation in diverse sectors, revealing opportunities totaling \$25 trillion. From fishing to mining, Dr. Nguyen offers actionable advice for CxOs, elucidating how AI transforms work dynamics. The true revolution lies not in intelligence but in refining human-machine communication. This keynote emphasizes a strategic, safety-centric approach, ensuring AI catalyzes growth while upholding ethical standards or core human values. The keynote helps uncover a game plan to navigate the AI revolution, keeping our work at the vanguard of this transformative era.

BIO: Dr. Christopher Nguyen, a Silicon Valley innovator, is the CEO & Cofounder of Aitomatic, a leading tech company specializing in industrial generative AI. As the former President and CEO of Arimo-Panasonic, he played a key role in steering global Industrial AI initiatives. In his tenure at Google as the first Engineering Director, he was instrumental in launching Google Apps/Gmail, earning the prestigious Google Founders Award. Dr. Nguyen initiated his career at HKUST, co-founding the Computer Engineering Program. He holds a BS from U.C. Berkeley, and MS and PhD from Stanford, earning accolades as a U.C. Regents Scholar, Berkeley Alumni Scholar, and National Science Foundation Fellow.

FRIDAY, JANUARY 5, 2024 | 12:45 - 1:50 | CORAL 4

**UNVEILING THE RESEARCH FRONTIERS
IN THE AGE OF GENERATIVE AI****HICSS CONFERENCE CHAIR
AND TRACK CHAIRS**

ABSTRACT: HICSS has evolved into the foremost research platform, delving into a diverse array of pertinent and pivotal issues concerning the design, development, implementation, utilization, and evaluation of Information Technology in both business and society. The track chairs, entrusted with the responsibility of overseeing the review process for over 1,700 submissions annually, alongside steering their own research initiatives, will share with the audience their insights into the research trajectories within their respective disciplines. This interactive plenary session aims to foster engagement with the HICSS community of researchers, aspiring to collectively sculpt a research agenda that responds adeptly to the unfolding challenges of the anticipated 6th industrial revolution.



WOMEN'S NETWORKING

THURSDAY | JANUARY 4

4:00 – 5:30 Workshop at Coral 2

5:30 – 6:30 Reception at Coral Lounge

The HICSS Women's Network is a place for all women and allies to work together in amplifying the status of women in our fields and to sharing best practices. We focus on inclusion whether in graduate school, postdoctoral positions, academe or industry and foster a supportive environment in the systems sciences, inclusive of all. Promoting professional development and community building at HICSS, we welcome all to this year's workshop, followed by a reception.

The workshop will foster networking, discuss and share best practices for different scenarios women in our fields have especially faced during the pandemic, no matter at what stage in their careers nor in which sector they work. All HICSS participants, regardless of how they identify, are welcome.

HICSS-57 *Specials*

MEET THE EDITORS

CORAL LOUNGE

JANUARY 5 | FRIDAY, 6:00 - 7:00

Join us in a special 1-hour session to meet editors / guest editors and learn more about possible journal outlets for your papers in various research areas. Participating journals include:

- ACM Transactions on Social Computing
- AIS Transaction on Enterprise Systems Journal
- AMS Review
- Biomedical Engineering
- Communication of the Association of Information Systems (CAIS)
- Data & Analytics for Good
- DATA BASE for Advances in Information Systems
- Electronic Markets - The International Journal on Networked Business
- European Journal of Information Systems
- Foundations and Trends in Information Systems
- Health Informatics Journal
- Information Technology and Management
- Journal of Service Research
- Journal of Simulation
- Journal of Small Business Management
- Journal of the Association for Information Systems
- Journal of the International Council for Small Business
- MDPI Journal of Electronics, Special Issue on Advances and Challenges in Model- and Data-based
- Software and Systems Engineering for Complex Systems
- MIS Quarterly Executive (MISQE)
- Scandinavian Journal of Information Systems

HICSS-57

Symposia, Workshops and Tutorials

Symposia, Workshops, and Tutorials held on the first day is a program component that specifically contributes to the quality of the conference. They offer participants opportunities to explore and/or discuss topics and/or research frameworks that help advance thinking and discover new insights often in relatively immature areas of research.



ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING



CURRICULUM DESIGN AND DEVELOPMENT



DATA ANALYTICS AND GOVERNANCE



DIGITAL HEALTH



IT, BUSINESS, AND SOCIETY



SCIENTIFIC INQUIRY AND RESEARCH METHODS



SECURITY AND PRIVACY



**TECHNOLOGY FOR ENVIRONMENTALLY
SUSTAINABLE DEVELOPMENT**

ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

AI in Cybersecurity - Machine Learning / Deep Learning Data Analytics

Mark Patton, Hsinchun Chen

CORAL 2

WEDNESDAY, 9:00 - 12:00

This symposium focuses on the practice and applications of Machine Learning and Deep Learning Data Analytics in the context of Cybersecurity. There are multiple critical components in this area, including appropriate applications of machine learning and deep learning based on type of AI, types of data, appropriate data and data acquisition, benchmarking outcomes, and results analysis.

Facing the Future - Implementing AI-powered Digital Humans across Disciplines

Lingyao Ivy Yuan, Mike Seymour

CORAL 2

WEDNESDAY, 1:00 - 4:00

This symposium intends to shed lights on the impact of AI technologies, especially AI-powered digital humans, and the current status of its implications across disciplines. During the symposium, leading AI technologies experts will also deliver a short presentation and/or a live demo of the state-of-art technologies/applications in the industry.

Social Robots and Smart Toys

Patrick Hung, Marcelo Fantinato,
Farkhund Iqbal, Sangseok You

S PACIFIC 3

WEDNESDAY, 9:00 - 12:00

This symposium aims to cover research issues of social robots and smart toys from technical and non-technical perspectives, such as locomotion and Human-Robot Interaction (HRI). Related emerging AI technologies and future trends will be discussed.

The AI Augmentation Design Problem: Using Design Sprints as a Co-Creation Tool

Marigo Raftopoulos, Juho Hamari

KAHILI 1

WEDNESDAY, 1:00 - 4:00

This workshop is designed for IS researchers and practitioners interested in participating in the development of practical and engaging approaches to stakeholder collaboration in designing effective socio-technical approaches to AI-enabled information systems design. The objectives of this workshop are twofold, i.e., 1) to refine the design sprint methodology and design cards that support project managers in the design and development of human-centred and values-conscious AI-enabled information systems applications and to provide them to the public as a free open-source tool; and 2) to write up the workshop proceedings into research framework and a research agenda.

CURRICULUM DESIGN AND DEVELOPMENT

Advancing Design Science Research Education: Opportunities and Challenges of Teaching DSR

Jan Marco Leimeister, Jan vom Brocke,
Tuure Tuunanen, Ernestine Dickhaut, Gregor Kipping

S PACIFIC 4

WEDNESDAY, 1:00 - 4:00

This workshop provides a forum for discussing experiences, best practices, and challenges related to teaching design science research (DSR). Examples of issues to discuss include DSR related courses, exercises for the different design phases, learning assessments. Design-oriented researchers are also welcome to share experiences about how they taught themselves design science research.

Google Cloud Big Data Essentials Workshop

Mohammad Soltanieh-ha

NAUTILUS 1

WEDNESDAY, 9:00 - 12:00

This workshop is designed for educators who wish to delve into the Google Cloud Platform (GCP) and learn about the programs that are free for any higher education institution. The workshop offers a hands-on experience in creating services through the Google Cloud Console. Tools ideal for big data analytics suitable for research or classroom use will be introduced. Please bring a laptop to access the workshop content and participate in the hands-on labs. No prior cloud computing experience is necessary.

Healthcare Business Analytics: What is Healthcare Business Analytics? Curriculum, Datasets, & Course Mapping

Paul Cronan, Elizabeth Keiffer, Susan Bristow

LEHUA SUITE

WEDNESDAY, 1:00 - 4:00

This workshop is intended for faculty who are considering the development of Healthcare Business Analytics courses and curriculum, as well as familiarization with healthcare business datasets. It will provide faculty participants with an opportunity to gain 'hands-on' experience with healthcare business analytics experience focusing on curriculum design, healthcare business datasets & problems, as well as course content & mapping.

Opportunities and Challenges of Generative AI in Education

Massimo De Santo, Antonio Pietrosanto

CORAL 5

WEDNESDAY, 9:00 - 12:00

This workshop presents how chatbots, LLMs, and GenAI applications can become tools for increasingly creative and skilled education instead of a source of plagiarism and increasing intellectual laziness by comparing experiences in adopting new educational tools in different disciplines such as business, computer science, and electronic engineering. Successful and critical cases will be discussed to define methodological paths to address this very important challenge.

Technologies for Business Analytics & Information Systems: A Hands-On Exploration Resource Availability

Ronald Freeze, Paul Cronan, Kenneth Grifno

LEHUA SUITE

WEDNESDAY, 9:00 - 12:00

This workshop provides faculty participants who are developing a technology-focused curriculum with a forum to learn and discuss a broad range of technology delivery strategies for both Information Systems and Business Analytics programs. The workshop will review technology offerings from the University of Arkansas Enterprise Systems such as Teradata, IBM Z15, Microsoft SQL Server, SAP S4HANA, and SAS. The workshop will conclude by providing hands-on access to the Enterprise System platform.

The Low Code Movement - Crafting a New Direction for the Digital Enterprises

Gaurav Shekhar

SEA PEARL 2

WEDNESDAY, 1:00 - 4:00

This symposium will present use cases, gaps in the development and delivery frameworks and how to overcome it via Low Code. Frameworks that are evolving in the industry around Low Code will be discussed. Resources available for instructors to teach Low Code related coursework will be made available. Partnerships to help teach students the nuances of low code will also be initiated at the symposium.

DATA ANALYTICS AND GOVERNANCE

Advanced Text Mining and Analytics: Understanding the HICSS Conference Paper Corpus

Derrick Cogburn, Mike Hine

NAUTILUS 1

WEDNESDAY, 1:00 - 4:00

This tutorial is designed to illustrate the analytical potential of a wide variety of computational text mining approaches by exploring the intellectual contribution of the HICSS

conference. Using the HICSS paper corpus as a dataset, researchers from a wide variety of skills and experience levels may take a variety of exploratory (inductive) and confirmatory (deductive) approaches to help us better understand the overall trajectory, breadth, and depth of the HICSS intellectual contribution.

FAIR Data and Software Management in the Age of AI

Line Pouchard, Natalie Meyers, Sandra Gesing

SEA PEARL 1 WEDNESDAY, 9:00 - 12:00

In this tutorial, participants will learn state-of-the-art data and software management practices to support preservation and reproducibility. A more fundamental component of FAIR principles will be introduced to familiarize participants with good practices required to ensure that data, software, and knowledge are properly preserved throughout the life cycle of a project and beyond.

DIGITAL HEALTH

**Next Generation Digital Health -
Challenges and Opportunities**

Nilmini Wickramasinghe, Freimut Bodendorf,
Elizabeth Davidson, Vijay Gehlot, Elliot B. Sloane

S PACIFIC 1 WEDNESDAY, 1:00 - 4:00

Healthcare delivery is rapidly being transformed by advances in technology. Simultaneously, these advances are fueling innovations in all aspects of healthcare. The objective of this workshop is to discuss and identify key opportunities and challenges, both in terms of research and education/training, in the context of a transformative next-generation digital health paradigm.

**Novel Data, Analytics, Predictive Intelligence, and
Decision-Making for Pandemics and Emerging Diseases**

David Ebert, Kelly Gaither, Aaron Wendelboe

NAUTILUS 2 WEDNESDAY, 9:00 - 4:00

This full-day symposium will bring together stakeholders working in the area of pandemic preparedness to discuss

and provide a better understanding and predictions of where issues like climate change, urbanization, and environmental degradation affect the ecologies of humans and animals and increase disease emergence risk, taking a OneHealth approach. In particular, it will address the application of these novel surveillance, identification, and data science methods on infectious diseases already of importance in the US and across the world, reducing the overall impact of the inevitable future infectious diseases.

**The Interface between Invasive Biosensing
Technologies and Behavioral Change**

Edward Boyer, Beth Bock

SEA PEARL 4 WEDNESDAY, 9:00 - 12:00

This symposium will demonstrate how invasive biosensing technologies can help drive interventions designed to effect behavioral change. Examples of both successful and unsuccessful approaches will be shared. Gaps and opportunities in current delivery of behavioral interventions based upon data from ingestible biosensors will be discussed.

IT, BUSINESS, AND SOCIETY

**Advanced Technologies, Time, Space, and
Trust in the Future of Work and Organizing**

Kirsimarja Blomqvist, Ann Majchrzak,
Triparna de Vreede

S PACIFIC 2 WEDNESDAY, 9:00 - 12:00

This paper development workshop intends to address how digital technologies impact individual and organizational perceptions of time, space, and trust. The first part of the workshop involves a panel discussion of practitioners and scholars where all participants will learn how to craft an effective introduction in this research area. The second part is catered for participants who submit the research synopsis for feedback prior to the conference.

AI in Design and Process Science

Sang Suh, Radmila Juric, John Carbone,
Elisabetta Ronchieri, Patrick Then, Julia Rayz

CORAL 1

WEDNESDAY, 9:00 - 4:00

This workshop offers debates on the impact of current and future AI on the Design Process and the needs and gaps within Design & Process Science to effectively evolve AI for humankind. The idea is to look at the role of human-AI collaborations as well as their effects on human versus digital and social views of existing and desired AI focused design processes which inherently include non-human involvement.

Corporate Digital Responsibility

Satish Nambisan, Arvind Malhotra

HIBISCUS 2

WEDNESDAY, 9:00 - 12:00

This symposium intends to delineate the contours of a broad research agenda on corporate digital responsibility or organizational codes of conduct in the digital era. It will explore the conceptual foundations of CDR, theoretical perspectives from IS, marketing, public policy, business ethics, and other areas that could inform on the underlying theoretical and managerial issues. A research agenda and questions that further the nascent literature on CDR will be laid out.

Creation of 'Global Digitalization Research Agenda and Group'

Danny Samson, Sherah Kurnia,
Niharika Garud, Guilherme Tortorella

SEA PEARL 1

WEDNESDAY, 1:00 - 4:00

This workshop aims to establish a global community of scholars who are interested in exploring digitalization phenomena and set up a research agenda that will facilitate global research collaborations to advance theory and practice in managing digitalization and digital transformation. It will provide an opportunity to exchange knowledge, generate new ideas, foster creative thinking and establish new global research partnerships.

Democratize Accessibility to Human Body Information: Opportunities and Challenges

Xunfei Jiang, Nhut Ho, Trung Dung

SEA PEARL 4

WEDNESDAY, 1:00 - 4:00

This workshop intends to provide a platform to communicate the cutting edge technologies and skills in the area of accessibility for human body data and to discuss opportunities and challenges we are facing in this area. The main topics to discuss include different aspects of smart wearable digital health implementation including interoperability, privacy, and regulations. At the workshop, research agenda will be identified and a framework towards industry-wide standardization and collaborations will be developed.

Digital Art Uncovered

Petri Parvinen, Jussi Ängeslevä

ILLIMA BOARDROOM

WEDNESDAY, 9:00 - 12:00

This symposium is intended as a discussion opener into the interdisciplinary field of digital art, encompassing information systems science, computer science, art & design, sociology, and business research. Conceptual and empirical challenges around studying digital art will be discussed. Technical, social, societal, commercial issues pertaining to digital art will be explored.

Echo Chamber, Filtering Bubble, and Informational Health

Isamu Okada, Fujio Toriumi

KAHILI 2

WEDNESDAY, 1:00 - 4:00

This symposium focuses on the challenges related to people's information behaviors in a real information environment. Current state-of-the-art technologies covering a variety of applications and themes that promote proper informational consumption will be discussed. Examples include echo chambers and filtering bubbles.

Envisioning and Realizing the Democratizing Power of System Sciences to Combat Systemic Abuses of Power

Joshua C. Rubin, Melissa Ocepek

HIBISCUS 2 WEDNESDAY, 1:00 - 4:00

The goal of the workshop is to interactively engage diverse participants to develop a preliminary strategy to apply system sciences to collaboratively addressing the problem of systemic abuses of power in academia and beyond as well as to outline a corresponding scientific research agenda. The workshop aspires to catalyze a foundation that unleashes a global cavalry of academics and activists alike to address this pressing societal challenge. This workshop is for anyone interested in abuse in systems or wanting to make a change in the systems, including the organizations, they are a part of.

Fostering Inclusive Excellence in the HICSS Community

Peter Chai, Stephanie Carreiro, Rochelle Rosen

ILLIMA BOARDROOM WEDNESDAY, 1:00 - 4:00

This workshop brings together experts to hold an open forum discussion with HICSS attendees to learn and develop a user-centered DEI statement and plan for HICSS. The workshop will start with a panel discussion to describe current DEI efforts at national, international and academic levels. Based on this discussion, the workshop leaders will ask participants to brainstorm and develop through small groups and larger group discussion key DEI tenants for HICSS leadership.

**Human Augmentation and the Future of Work –
Harnessing the Advances in Augmented Intelligence
and Augmented Reality**

Souren Paul, Tung Bui, Alex Kass

CORAL 5 WEDNESDAY, 1:00 - 4:00

This symposium will present panel discussions that revolve around the potential consequences of using and working with intelligence augmentation (IA) and artificial intelligence (AI) in human work and how to harness them to benefit our work and lives.

Inter-Disciplinary Studies on Technology and Its Impact on Business, Regulation, Law, and Social Welfare

Eric Clemons, Helmut Krcmar, Tung Bui

KAHILI 1 WEDNESDAY, 9:00 - 12:00

This symposium intends to address the most pressing legal and societal issues created by rapid advances in information technology and by the emergence of new giant platform technology companies. It will create a forum where scholars, elected officials, regulators, corporate executives, and other individuals can assemble to discuss how digital transformation can be implemented in a way that minimizes the unanticipated negative impacts and maximizes value creation, balance value sharing, and achieve a joyous society.

**Journal of Service Research Paper Development
Workshop on GenAI Service**

Tilo Böhmann, Tuure Tuunanen, Paul Maglio,
Julia Fehrer [By invitation only]

HIBISCUS 1 WEDNESDAY, 9:00 - 12:00

This is a paper development workshop for the Special Issue on “GenAI service” at the Journal of Service Research. This workshop offers an opportunity for the potential contributors to present their original, cutting-edge ideas on the topic. The overall objective of this workshop is to help participants refine their original work in a way that will help push the GenAI service field forward.

**Regulating Digital Innovation:
Policies, Practices, and Potentials**

Anna Essén, Paula S. deWitte, Hannes Rothe,
Elizabeth Davidson, Robin Murphy

SEA PEARL 3 WEDNESDAY, 9:00 - 12:00

In recent years, regulators, policy makers, legislators, and standard setting bodies have become increasingly aware that digital technologies, particularly those dominated by IT-platform mega firms can also bring harm to citizens or businesses. Effective regulation of digital technologies and innovations is challenging. While regulatory policy setting is often fraught with political, economic and social conflicts, digital technologies pose a number of challenges to

regulation. This symposium will build on and extend current conversations about regulation and digital technology in the IS field, including the recent special issue “Regulation in the Age of Digitalization” in the Journal of Information Technology (JIT).

**SCIENTIFIC INQUIRY
AND RESEARCH METHODS**

**Applications of the Meta Content Library
for Social Media Research**

Jessica Bachman

SEA PEARL 3

WEDNESDAY, 1:00 - 4:00

This hands-on workshop will introduce researchers to the Meta Content Library and demo new data fields and functionalities available in both the User Interface and the API. It will demonstrate how the Meta Content Library can shed light on questions related to online interaction, information propagation, and political discourse through the application of natural language processing, regression, time-series analysis, qualitative analysis, data visualization, and more.

**Applying Netnography: Incorporating Immersive
and Generative AI Approaches**

Robert Kozinets, Ulrike Gretzel

KAHILI 2

WEDNESDAY, 9:00 - 12:00

This tutorial will inform and guide researchers in the most up-to-date practices of netnographic research, which include its adaptation to the study of virtual worlds, augmented reality, and the Metaverse. Extended netnography techniques include the use of peripherals and generative AI. It will introduce netnography and explain its recent evolution in the systems science field with an emphasis on specific hands-on methods for conducting this style of research and examples of its successful completion.

**Basics of Eye Tracking Methodology for
User Experience Research**

Jim Ryan, Lin Wang, Soussan Djamasbi, Bengisu Tulu

S PACIFIC 4

WEDNESDAY, 9:00 - 12:00

This workshop will inform attendees with respect to current eye tracking applications to measure user engagement, attention, and cognitive effort. Upon completion, attendees will understand basic physiological and psychological mechanisms underlying eye tracking and associated data collection techniques; be able to use basic data analysis methods to interpret eye tracking data; be able to design a basic eye tracking study.

**Evaluation and Validation of Artifacts
in Design Science**

Gondy Leroy, Kai Larson

S PACIFIC 1

WEDNESDAY, 9:00 - 12:00

This tutorial will provide an overview of evaluation studies and how they are appropriate in the different phases of development life cycle. How to think about validation from different viewpoints will be reviewed. The common statistics in different setups and mistakes that can be avoided will be discussed. Different types of evaluations that are common in the evaluation of artifacts will be showcased.

The Craft of Scholarly Writing for Publication

Dorothy Leidner, Aaron Baird, Suti Chatterjee,
Daniel Chen, Amber Young, Laurie Giddens

S PACIFIC 2

WEDNESDAY, 1:00 - 4:00

This JAIS-HICSS workshop will focus on the development and execution of the literature review/ theoretical foundation section of scholarly publications. The first half of the workshop will highlight the purpose of the literature review/theoretical foundation section and provide guidance on how to write an effective literature review/theoretical foundation section. The second half of the workshop includes small group mentoring to help authors, whose applications were accepted prior to the conference, develop or revise the literature review/ theoretical foundation section of their manuscripts.

SECURITY AND PRIVACY

Co-creating Value in Cybersecurity Policy

Greta Nasi, Maria Cucciniello, Richard Harknett

SEA PEARL 2

WEDNESDAY, 9:00 - 12:00

This symposium provides a platform to discuss shortfalls in national strategies and public policies in the area of cybersecurity as well as the way moving forward in the best interests of all stakeholders, both from the public and private sectors.

Credibility Assessment and Screening Technologies (CAST)

Jay Nunamaker, Judee Burgoon, Norah Dunbar

S PACIFIC BOARDROOM WEDNESDAY, 9:00 - 4:00

This symposium offers a stimulating forum among academic researchers, local, state and federal law enforcement, intelligence experts and information security workers who are interested in assessing credibility and deception detection. New tools, technologies, processes and procedures concerning their efficiency, effectiveness, and usefulness for aiding in credibility assessment and deception detection will be presented and discussed.

Towards Human-AI Trust Calibration in Cyber Security

Anu Venkatesh, Sunny Fugate

S PACIFIC 3

WEDNESDAY, 1:00 - 4:00

This workshop focuses on the measurement and calibration of trust in cyber environments. Specifically, participants will be introduced to the OUSD-sponsored CARMA-AI (Cyber Agreements for Resilient Machine through Augmented AI) human subjects research effort and to the problem of trust calibration, particularly in human-autonomy teaming environments. The use of working agreements (a formal language and methodology for achieving consensus between a human operator and an autonomous system) as a means of improving trust calibration during interactions with AI-guided cyber defenses will be demonstrated.

TECHNOLOGY FOR ENVIRONMENTALLY SUSTAINABLE DEVELOPMENT

Sustainable Energy and Computing

Adolfy Hoisie, Behrooz Shirazi

HIBISCUS 1

WEDNESDAY, 1:00 - 4:00

This symposium provides a forum for brainstorming and problem solving by bringing world-leading researchers in the areas that span energy efficiency and computing together with researchers interested in investigating solutions to the problems.



SCHEDULE OF PAPER PRESENTATIONS BY TRACKS AND MINITRACKS

COLLABORATION SYSTEMS AND TECHNOLOGY

DECISION ANALYTICS AND SERVICE SCIENCE

DIGITAL AND SOCIAL MEDIA

DIGITAL GOVERNMENT

ELECTRIC ENERGY SYSTEMS

INFORMATION TECHNOLOGY IN HEALTHCARE

**INFORMATION TECHNOLOGY, SOCIAL JUSTICE
AND MARGINALIZED CONTEXTS**

INTERNET AND THE DIGITAL ECONOMY

**KNOWLEDGE INNOVATION
AND ENTREPRENEURIAL SYSTEMS**

LOCATION INTELLIGENCE

ORGANIZATIONAL SYSTEMS AND TECHNOLOGY

SOFTWARE TECHNOLOGY

CL: Collaboration Systems and Technologies

Co-Chairs: Gert-Jan de Vreede, Jay Nunamaker

Advances in Teaching and Learning Technologies

Minitrack Chairs: Olga Scrivner, Maarten De Laat,
Andy Nguyen, James Scrivner

CL 1 CORAL 2 FRIDAY, 10:00 - 11:30

Educators' Friend - Applying Generative AI to Create Effective Digital Learning Objects for Information Security Education: Toward Initial Design Principles | Martin Brehmer, Vito Buonassisi

On the Impact of Digital Boosts on Perceived Stress in a Self-Regulated Learning Experiment | Abdessalam Ouazaki, Vladimir Macko, Kristoffer Bergram, Michael Fuchs, Marika Fenley, Giuseppe Melfi, Adrian Holzer

The Power of Reading Support for Learners: A State-of-the-Art Analysis of Computer-Assisted Reading from an Information Systems Perspective | Martin Haenel, Tiemo Wambsganss, Matthias Söllner

A Phenomenological Study of Motivation in Online Learners and Its Relationship to Self-Awareness | Curtiss Davis

CL 2 CORAL 2 FRIDAY, 2:00 - 3:30

"To Prove There Is Another Way": A Qualitative Study on Digital Tools for Education in the Storstrøm Prison of Denmark | Pavlos Chatzipolakis, Mika Yasuoka, Christos Georgoulakis

Engaging Minds - How Gamified Chatbots Can Support and Motivate Learners in Digital Education | Dennis Benner, Sofia Schöbel, Andreas Janson, Jan Marco Leimeister

Using ChatGPT to Enhance Experiential Learning of College Students | Rui Sun, Xuefei Deng

Challenges to Academic Integrity from New Tools - A Survey of Students' Perceptions and Behaviors of Employing ChatGPT | Joel Bergström, Vilko Repo, Virpi Tuunainen

CL 3 CORAL 2 FRIDAY, 4:00 - 5:30

Assessment of Digital Collaboration Skills | Esperanza Huerta, Ana Lidia Franzoni Velázquez, Scott Jensen

Success Factors of Automated Programming Assessment Systems in Different Learning Environments | Clemens Sauerwein, Tobias Antensteiner, Peter Salhofer, Ruth Breu

Adversarial Behavior in Collaboration and Social Media Systems

Minitrack Chairs: Christy M.K. Cheung, Marten Risius, Matthew K.O. Lee, Christian Wagner

CL 4 KAHILI 2 SATURDAY, 8:00 - 9:30

How Doxing on Social Media Leads to Social Stigma and Perceived Dignity | Guohou Shan, Wenxi Pu, Jason Bennet Thatcher, Philip Roth

***What Makes Doxing Good or Bad? Exploring Bystanders' Appraisal and Responses to the Malicious Disclosure of Personal Information** | Julian Schuster, Anjuli Franz, Alexander Benlian

The Effects of Email Illegitimacy and Phishing Behavior Training on Eye Movement Behavior in Spear Phishing Detection | Lina Zhou, Jaewan Lim, Dongsong Zhang

CL 5 KAHILI 2 SATURDAY, 10:00 - 11:30

Why Are People Duped by Healthcare Disinformation Campaigns? | Joey F. George, Sophia Mannina

Characterizing Multimedia Adoption and its Role on Mobilization in Social Movements | Mainuddin Shaik, Mert Can Cakmak, Billy Spann, Nitin Agarwal

AI and the Future of Work

Minitrack Chairs: Triparna de Vreede, Xusen Cheng, Dominik Siemon

CL 6 S PACIFIC 1 FRIDAY, 10:00 - 11:30

Tool, Teammate, Superintelligence: Identification of ChatGPT-Enabled Collaboration Patterns and their

*Best Paper Nomination

Benefits and Risks In Mutual Learning | Xusen Cheng, Shuang Zhang

The Effect of IS Engagement on Generative AI Adoption | Tripama De Vreede, Vivek Kumar Singh, Gert-Jan De Vreede, Paul Spector

Predicting Job Automation: What Have We Observed? | Scott Sampson

Fairness in Algorithmic Management: Bringing Platform-Workers into the Fold | Nura Jabagi, Anne-Marie Croteau, Luc Audebrand, Josianne Marsan

CL 7 S PACIFIC 1 FRIDAY, 2:00 - 3:30

Considerations on Human-AI Collaboration in Knowledge Work - Recruitment Experts' Needs and Expectations | Saara Ala-Luopa, Sami Koivunen, Thomas Olsson, Kaisa Väänänen

Is the Human IS Researcher Dead? Long Live the AI Researcher | Sune Müller, Alexander Kempton, Troels Mønsted

Persistence, Emergence, and Fadeout: Influence of AI Teammates on the Salience of Human Identities at Work | Qingyu Liang, Jaime Banks, Juanqiong Gou

A Framework of AI Strategy | Yao Shi, Judith Gebauer, Elahe Javadi

CL 8 S PACIFIC 1 FRIDAY, 4:00 - 5:30

Generative AI in Customer Support Services: A Framework for Augmenting the Routines of Frontline Service Employees | Philipp Reinhard, Mahei Li, Christoph Peters, Jan Marco Leimeister

Support Technologies in Knowledge Work: Project Team Compositions and 3D Development Pack Use in Gaming | Anke Schulz

Tensions in the Transition of Human-AI Collaboration: A Case Study of the Nordic Renewable Energy Sector | Pooja Mohanty, Casandra Grundstrom, Eric Monteiro, Zhenyou Zhang

*Best Paper Nomination

What to Learn Next? Designing Personalized Learning Paths for Re-&Upskilling in Organizations | Eva Ritz, Leonie Freise, Edona Elshan, Roman Rietsche, Ulrich Bretschneider

Business Intelligence and Big Data for Innovative, Collaborative and Sustainable Development of Organizations in Digital Era

Minitrack Chairs: Celina Olszak, Jozef Zurada, Dilek Cetindamar, Pawel Weichbroth

CL 9 S PACIFIC 2 SATURDAY, 4:00 - 5:30

Exploring the Benefits, Challenges, and Opportunities of Collaborative Business Intelligence | Pawel Weichbroth, Jozef Zurada, Celina Olszak

Business Intelligence Fog IoT Node Development Model for Big Data Processing of Air Quality in Scientific Partnerships | Grit Behrens, Kostas Karatzas, Cezary Orlowski

Collaboration Ecosystems

Minitrack Chairs: Melissa Akaka, Hope Jensen Schau, Stephen L. Vargo

CL 10 CORAL 5 SATURDAY, 2:00 - 3:30

Understanding the Review Bombing Phenomenon in Movies and Television | David Schuff, Susan Mudambi, Mei-Xian Wang

Problems and Potentials of Shared Manufacturing in the Context of Industrial Ecosystems: A Bibliometric Analysis | Patrick Stuckmann-Blumenstein, Dominik Bons, Nick Große, Lana Benkhoff

Enabling Value Co-Creation in Partner Collaboration Ecosystems: An Institutional Work Perspective | Jenny Elo, Juuli Lumivalo, Tuure Tuunanen, Stephen Vargo

A Multi-level Collaboration Process for Developing Relationships and Creating Value in an Entrepreneurship Ecosystem | John Sebesta, Melissa Akaka

Collaboration in Online Communities: Information Processing and Decision Making

Minitrack Chairs: Matthew Jensen, Tom Meservy, Kelly Fadel

CL 11 ILLIMA BOARDROOM SATURDAY, 2:00 - 3:30

Exploring the Shifting Dynamics of Information Source Selection: Situational Characteristics and the Rise of Artificial Intelligence | Jon Meservy, Tom Meservy, Kelly Fadel, Matthew Jensen

On the Usefulness of Online Review Valance | Mehmet Akgul, Ali Reza Montazemi, Hamed Qahri-Saremi

A Dual-Platform Examination of the Relationship between Cognitive-Experiential Values and Project Success | Bright Frimpong

Beyond the Social Media Contents: The Role of Social Interactions in Stance Detection | Lina Zhou, Kanlun Wang, Jie Tao

Collaboration with Intelligent Systems: Machines as Teammates

Minitrack Chairs: Joel Elson, Douglas Derrick, Isabella Seeber, Lena Waizenegger

CL 12 S PACIFIC 1 THURSDAY, 8:00 - 9:30

Power of Language Automation: The Potential for Closing the Loop in Responding to Online Customer Feedback | Dzmitry Katsiuba, Mateusz Dolata, Gerhard Schwabe

Achieving Decisional Fit with AI-Aided Group Decisions: The Role of Intuitive Decision-Making Style in Predicting Perceived Fairness and Decision Acceptance | David Askay, Anuraj Dhillon, Lynn Metcalf

***Proactive and Reactive Help from Intelligent Agents in Identity-Relevant Tasks** | Marc Goutier, Christopher Diebel, Martin Adam, Alexander Benlian

To Be Credible or to Be Creative? Understanding the Antecedents of User Satisfaction with AI-Generated Content from a Cognitive Fit Perspective | Bo Yang,

CL 13 S PACIFIC 1 THURSDAY, 10:00 - 11:30

Human-AI Collaboration for Brainstorming: Effect of the Presence of AI Ideas on Breadth of Exploration | Lucas Memmert, Eva Bittner

AI Narratives: What Can They Tell Us About Individuals' AI Literacy and Emotional Attitudes toward AI Assistants? | Teresa Hammerschmidt, Nina Passlack, Katharina Stolz, Oliver Posegga

Collaborative Robots (Cobots) for Emergency Situations

Minitrack Chairs: Filippo Sanfilippo, Gionata Salvietti

CL 14 HIBISCUS 2 THURSDAY, 2:00 - 3:30

Collaborative Robots (Cobots) for Emergency Situations: a Snake Robots as a Team Member for Delivering First Aid in Emergency Situations | Syed Kumayl Raza Moosavi, Muhammad Hamza Zafar, Filippo Sanfilippo

Conversational AI and Ethical Issues

Minitrack Chairs: Dan Kim, Victoria Yoon, Kiseol Yang, Manoj Thomas

CL 15 NAUTILUS 1 SATURDAY, 8:00 - 9:30

The Impact of Empathy Display in Language of Conversational AI: A Controlled Experiment with a Legal Chatbo | Sabine Brunswicker, Yifan Zhang, Christopher Rashidian, Dan W. Linna Jr.

***Deconstructing Review Deception: A Study on Counterfactual Explanation and XAI in Detecting Fake and GPT-Generated Reviews** | Olga Chernyaeva, Taeho Hong, One-Ki Daniel Lee

Do Users Really Want "Human-like" AI? The Effects of Anthropomorphism and Ego-morphism on User's Perceived Anthropocentric Threat | Joohee Kim, Il Im

CL 16 NAUTILUS 1 SATURDAY, 10:00 - 11:30

Ethical Tensions in Human-AI Companionship: A Dialectical Inquiry into Replika | Raffaele Ciriello, Oliver Hannon, Angelina Ying Chen, Emmanuelle Vaast

Exploring the Impact of Perceived Convenience, Autonomy, and Satisfaction on Citizens' Continuance with Government Chatbots | Seongjin Kim, Zhenya Tang, Dan Kim, Hyunchul Ahn

Cross-Organizational and Cross-Border IS/IT Collaboration

Minitrack Chairs: Ilsang Ko, Daniel Beimborn

CL 17 HIBISCUS 1 SATURDAY, 4:00 - 5:30

Collaboration with Digital Capabilities enhance firm's ESG Management: A Systematic Literature Review | Md Shahriar Kabir, Ilsang Ko

Collaborating Beyond Borders: The Role of Social Ties in International Eco-Innovation Partnerships | Ecem Basak, Ramah Al Balawi, Ali Tafti

The Importance of Collaboration in the Knowledge-Intensive Business Services: The Efficiency Analysis of the Industry Using a Meta-Frontier Approach | Jihoon Shin, Hongbum Kim, Miguel Amaral

Cybersecurity in the Age of Artificial Intelligence, AI for Cybersecurity, and Cybersecurity for AI

Minitrack Chairs: Mark Patton, Hsinchun Chen, Sagar Samtani, Hongyi Zhu

CL 18 SEA PEARL 1 SATURDAY, 10:00 - 11:30

Detecting Spoofing and GPS Jamming in UAVs: Multiclass Approach to Attack Diagnosis | Isadora Ferrão, Leandro Da Silva, Daniel Bonilla, Catherine Dezan, David Espes, Kalinka Castelo Branco

Suggesting Alternatives for Potentially Insecure Artificial Intelligence Repositories: An Unsupervised Graph Embedding Approach | Ben Lazarine, Sagar Samtani, Hongyi Zhu, Ramesh Venkataraman

Design, Development, and Evaluation of Collaboration Technologies

Minitrack Chairs: Philipp Alexander Ebel, Eva Bittner, Sarah Oeste-Reiß, Edona Elshan

CL 19 S PACIFIC 1 FRIDAY, 8:00 - 9:30

Can (A)I Have a Word with You? A Taxonomy on the Design Dimensions of AI Prompts | Marvin Braun, Maike Greve, Felix Kegel, Lutz Kolbe, Philipp Emanuel Beyer

Unleash the Power of Citizen Development: Leveraging Organizational Capabilities for Successful Low-Code Development Platform Adoption | Niculin Prinz, Melanie Huber, Justus Leonhardt, Constanze Riedinger

The Importance of Separation in the Creation and Usage Phases of Augmented Reality Content Using Social Cognitive Theory | Kay Hönemann, Björn Konopka, Manuel Wiesche

Design and Development of a Collaborative Augmented Reality Environment for Systems Science | Philippe Giabbanelli, Anish Shrestha, Loic Demay

Human-Robot Interactions

Minitrack Chairs: Sangseok You, Lionel Robert

CL 20 S PACIFIC 1 THURSDAY, 2:00 - 3:30

***The [Object, Me, Symbiote, Other] in the Machine: Insights from Video Game Psychology for Teleoperator-Robot Relations** | Nicholas Bowman, Jaime Banks

Mixed Evidence of a Moral Mind Heuristic in Zero-History HRI: The (Unstable) Concomitance of Mind, Morality, and Trust Judgments | Jaime Banks

IT Enabled Collaboration for Development

Minitrack Chairs: Xusen Cheng,
Xiangbin Yan, Deepinder Bajwa

CL 21 SEA PEARL 4 THURSDAY, 8:00 - 9:30

Exploring the Factors Affecting Job Satisfaction and Performance of Telework in Chinese IT Companies - Based on the Employees' Self-Efficacy | Yue Hu, Bo Yang, Tong Xue, Yao Chen

Understanding the Role of Virtual Anchor-Brand Image Fit in Virtual Live Streaming | Man Ji, Xiayu Chen, Shaobo Wei, Qi Liu, Jianshan Sun

Emotional Reactions in Information Dissemination Through the Lens of SOR Theory | Hsiao-Ting Tseng, Xin-Cheng Dong, Shu-Chiung Lin, Jian Mou

CL 22 SEA PEARL 4 THURSDAY, 10:00 - 11:30

Starting Determines Result? The Influence of Status Quo Bias on Software Update Decisions: Evidence from Hierarchical Drift Diffusion Model | Jia Jin, Xue Sun, Yu Pan

***Officials Development Aid and the Sustainable Development of E-Government in a Developing Country: The Two Cases of Laos** | Pingpanya Phommilath, Haiming Wu, Nan Zhang

Open Science Practices in Information Systems Research

Minitrack Chairs: Cathal Doyle, Yi-Te Chiu,
Tadgh Nagle, Markus Luczak-Roesch

CL 23 ILLIMA BOARDROOM FRIDAY, 8:00 - 9:30

Breaking Down Barriers: How Conversational Agents Facilitate Open Science and Data Sharing | Milad Mirbabaie, Jonas Rieskamp, Lennart Hofeditz, Stefan Stieglitz

Black Box or Open Science? Assessing Reproducibility-Related Documentation in AI Research | Florian Koenigstorfer, Armin Haberl, Dominik Kowald, Tony Ross-Hellauer, Stefan Thalmann

Responsible Innovation in Collaborative, Connected, and Intelligent Systems: Design, Implementation, and Governance

Minitrack Chairs: Bo Sophia Xiao, Chee-Wee Tan,
Kaveh Abhari, Izak Benbasat

CL 24 NAUTILUS 1 THURSDAY, 4:00 - 5:30

Unraveling the Impact of Visual Cues in Online Portraits on Workers' Employability in Digital Labor Markets | Yuting Jiang, Matti Rossi, Virpi Tuunainen, Zhao Cai, Chee-Wee Tan

Advancing Human-Centred Algorithm Design through Reflective Practice | Kaspar Raats

Exploring Public Opinion on Responsible AI Through The Lens of Cultural Consensus Theory | Necdet Gurkan, Jordan Suchow

Shaping Future Interactions with Social Robots and Service Robots

Minitrack Chairs: Ruth Stock-Homburg, Lea Heitlinger

CL 25 S PACIFIC 1 THURSDAY, 10:00 - 11:30

Influencing Incidental Human-Robot Encounters: Expressive Movement Improves Pedestrians' Impressions of a Quadruped Service Robot | Elliott Hauser, Yao-Cheng Chan, Ruchi Bhalani, Alekhya Kuchimanchi, Hanaa Siddiqui, Justin Hart

***You Did That on Purpose! An Investigation of the Knobe Effect in Human-Robot Interactions** | Mona Kegel, Laid Ghanem

Virtual Collaboration, Organizations, and Networks

Minitrack Chairs: Derrick Cogburn,
J. Alberto Espinosa, Mark Clark, Emma Nordbäck

CL 26 CORAL 5 THURSDAY, 2:00 - 3:30

Onboarding in Global Virtual Teams: The Case of a Global Financial Organization | Petros Chamakiotis, Niki Panteli, Diana Pérez-Arechaederra

***Hybrid Work as the Holy Grail? The Influence of Telework Intensity on Envy and Professional Isolation**
| Florian Meier

How to Establish a Lasting Remote Work Concept in Organizations: A Classification for the Operational Design of Remote Work | Günther Schuh, Clara Herkenrath, Wolfgang Boos, Gerrit Hoeborn, Julian Boenig

CL 27 CORAL 5 THURSDAY, 4:00 - 5:30

What is Community?: Informing the Design of a Community Building Platform for Low-Income Black and Latino Residents | Cynthia Mcleod, Amy Gonzales, Jesse King, Julie Hui, Aarti Israni

Uncovering Cultural Differences in Organizational Readiness for Artificial Intelligence: A Comparison between Germany and the United States | Anne Zöll, Verena Eitle, Patrick Hendriks

Open Minitrack Discussion: Building the HICSS VCONS Research Community

DA: Decision Analytics and Service Science
Co-Chairs: Christer Carlsson, Haluk Demirkan

AI-based Decision Support for Organizational Processes
Minitrack Chairs: Navid Tavanapour, Maren Gierlich-Joas

DA 1 S PACIFIC 2 THURSDAY, 8:00 - 9:30

Understanding Cognition in the Development of Artificial Intelligence-based Systems: An Exploration of Cognitive Fit and Supporting Mechanisms
| Mei Wu-Gehbauer, Christoph Rosenkranz, Phil Hennel

Analytics and Decision Support for Green IS and Sustainability Applications
Minitrack Chairs: Omar El-Gayar, PingSun Leung, Abdullah Wahbeh, Arno Scharl

DA 2 S PACIFIC 3 THURSDAY, 4:00 - 5:30

Delivering Green Persuasion Strategies with a Conversational Agent: A Pilot Study | Mathyas Giudici, Giulio Antonio Abbo, Pietro Crovari, Franca Garzotto

Paving the Way to a Green Future with Artificial Intelligence - Exploring Organizational Adoption Factors | Mariska Fecho, Nihal Wahl, Anette Von Ahsen, Oliver Vetter

Big Data and Analytics: Pathways to Maturity
Minitrack Chairs: Stephen Kaisler, Frank Armour, J. Alberto Espinosa, Derrick Cogburn

DA 3 SEA PEARL 2 SATURDAY, 2:00 - 3:30

The Effectiveness of Fitness Wearable Technologies: Applying Big-Data Techniques to Analyze User Experience and Perception | Arpit Sharma, Deepti Joshi, William Money, Denise McWilliams

Exploring the Intellectual Composition of Academic Research Conferences: Computational Text Analysis of the HICSS Paper Archive from 2017-2022 | Derrick Cogburn, Theodore Ochieng, Sierra Buehlman Barbeau, Haiman Wong

A Graph-Theoretic Approach for Examining Team Communities in Sports Transfer Markets
| Eleuterio Lillo Portero, Hesham Ali

***Impact of Sustainability Disclosures on Financial Performance: A Natural Language Processing Perspective** | Gladie Lui, Jeremy Chia, Connie Shum

*Best Paper Nomination

DA 4 SEA PEARL 2 SATURDAY, 4:00 - 5:30

Data Analytics Capability Maturity Models for Small and Medium Enterprises - A Systematic Literature Review | Robert Marohn, Yan Li

Classification of Experience for Proactive In-Car Function Recommendations Based on Customer Usage Data | Christian Micus, Daniel Homola, Markus Böhm, Helmut Krcmar

Analytics Morphology and Transformation | Stephen Kaisler, William Money, J. Alberto Espinosa, Frank Armour

Interoperability for Autonomy | Kara Combs, Trevor Bihl, James Pennington

Cognitive and Neuroscience Research in IS

Minitrack Chairs: Jia Shen, Jerry Fjermestad, Jordan Suchow

DA 5 S PACIFIC 2 THURSDAY, 8:00 - 9:30

Is this Nuclear Material Secure? Examining Trust in Voice User Interfaces for International Nuclear Safeguards Seal Examination | Kristin Divis, Jamie Coram, Breannan Howell, Zoe Gastelum

Neuromarketing Techniques to Enhance Consumer Preference Prediction | David Eisenberg, Tanmoy Sarkar Pias, Jorge Fresneda, Jerry Fjermestad

Cyber Deception and Cyberpsychology for Defense

Minitrack Chairs: Kimberly Ferguson-Walter, Sunny Fugate, Dana LaFon, Tejas Patel

DA 6 SEA PEARL 1 SATURDAY, 8:00 - 9:30

Evidence of Cognitive Biases in Cyber Attackers from an Empirical Study | Palvi Aggarwal, Saeefa Rubaiyet Nowmi, Yinuo Du, Cleotilde Gonzalez

***Retrospectively Using Multilayer Deception in Depth against Advanced Persistent Threats**
| Jason Landsborough, Thuy Nguyen, Neil Rowe

A Novel Approach to Intrusion Detection Using a Cognitively-Inspired Algorithm | Robert Thomson, Edward Cranford, Sterling Somers, Christian Lebiere

Physiological Response to Cyber and Psychological Deception | Nicholas Wymbs, Maxine Major, Ryan Gabrys, Kimberly Ferguson-Walter

DA 7 SEA PEARL 1 SATURDAY, 10:00 - 11:30

Adversarial Cognitive Engineering (ACE) and Defensive Cybersecurity: Leveraging Attacker Decision-Making Heuristics in a Cybersecurity Task | Chelsea Johnson, Richard W. Van Tassel, Temmie Shade, Andrew Rogers, Kimberly Ferguson-Walter

The Enterprise Strikes Back: Conceptualizing the HackBot - Reversing Social Engineering in the Cyber Defense Context | Michael Lundie, Kira Lindke, Adam Amos-Binks, Mary Aiken, Diane Janosek

Data Science and Machine Learning to Support Business Decisions

Minitrack Chairs: Dursun Delen, Behrooz Davazdahemami, Hamed Majidi Zolbanin

DA 8 CORAL 2 THURSDAY, 8:00 - 9:30

A Hybrid AI Framework to Address the Issue of Frequent Missing Values with Application in EHR Systems: The Case of Parkinson's Disease | Mostafa Amini, Ali Bagheri, Saeed Piri, Dursun Delen

A Comparative Study of Machine Learning Approaches for Anomaly Detection in Industrial Screw Driving Data | Nikolai West, Jochen Deuse

Evaluating the Risk of Re-Identification in Data Release Strategies: An Attacker-Centric Approach | Patrick Mesana, Pascal Jutras, Julien Crowe, Gregory Vial, Gilles Caporossi

Research on the Causes of Earthwork Foundation Pit Collapse Based on Fault Tree and Bayesian Network
| Donghui Shi, Shuling Gan, Jozef Zurada, Wang Feilong, Yuanyuan Wang, Jian Guan

DA 9 CORAL 2 THURSDAY, 10:00 - 11:30

The Positive Impact of Metric Learning on Open Set Nearest Neighbor Classification | Alexander Grote, Wolfgang Badewitz, Michael Thomas Knierim, Christof Weinhardt

Informed Decision-Making through Advancements in Open Set Recognition and Unknown Sample Detection | Atefeh Mahdavi, Marco Carvalho

Robust Optimization for Inference on Machine Learning Generated Variables | Aaron Schechter, Weifeng Li

DA 10 CORAL 2 THURSDAY, 2:00 - 3:30

***Reinforcement Learning-based Livestreaming E-commerce Recommendation System** | Yi-Ling Lin, Shun-Wen Hsiao, Szu-Chi Tang

Improving the Accuracy of Sequential Recommendation Using a Time-aware Architecture | Ruoxi Sun, Jun Yan, Fenghui Ren, Cong Cao

Sentiment in Big Tech's Investor Relations: Does the Discourse Predict Future Stock Movements? | David Goldberg, Sukhwa Hong, Eduardo Villacis Calderon

Data-driven Services and Servitization in Manufacturing: Innovation, Engineering, Transformation, and Management

Minitrack Chairs: Christian Koldewey, Martin Ebel, Johannes Winter, Roman Dumitrescu

DA 11 SEA PEARL 1 FRIDAY, 8:00 - 9:30

Design Principles for Product-Service-Software-System Innovation for Healthcare Manufacturers | Leon Adler, Martin Ebel, Heiko Gebauer, Dipti Rath

Exploring Capabilities for the Smart Service Transformation in Manufacturing: Insights from Theory and Practice | Christian Koldewey, Timm Fichtler, Michel Scholtysik, Jan Biehler, Nick Schreiner, Franziska Sommer, Maximilian Schacht, Jonas Kaufmann, Martin Rabe, Joachim Sedlmeier, Roman Dumitrescu

*Best Paper Nomination

From Scarcity to Abundance: Expansion Manufacturing Data through Limited Defect Images | Junhyung Moon, Minyeol Yang, Songmi Park, Jongpil Jeong

AI-Driven Comprehension of Autonomous Construction Equipment Behavior for Improved PSS Development | Omsri Aeddula, Ryan Ruvald, Johan Wall, Tobias Larsson

Decision Analytics and Artificial Intelligence in Blockchain Autonomous Systems

Minitrack Chairs: Fred Riggins, Samuel Fosso Wamba

DA 12 CORAL 5 THURSDAY, 10:00 - 11:30

Governance Adaptation in Distributed Autonomous Organizations (DAOs) | Fred Riggins, Samuel Fosso Wamba

Decentralized Oracle Network for Enhanced User Authentication: Transitioning from Centralized Oracle | Anna Gorawska, Piotr Swierzy

Decision Intelligence and Visual Analytics

Minitrack Chairs: David Ebert, Brian Fisher, Kelly Gaither

DA 13 ILLIMA BOARDROOM THURSDAY, 2:00 - 3:30

***TrialView: An AI-powered Visual Analytics System for Temporal Event Data in Clinical Trials** | Zuo Tian Li, Xiang Liu, Zelei Cheng, Yingjie Chen, Wanzhu Tu, Jing Su

Exploring Automated Data Augmentation Approaches for Deep Learning: A Case Study of Individual Feral Cat Classification | Zihan Yang, Richard Sinnott, James Bailey, Krista A. Ehinger

Decision Making with Sustainable, Fair and Trustworthy AI

Minitrack Chairs: Radmila Juric, Robert Steele

DA 14 ILLIMA BOARDROOM SATURDAY, 10:00 - 11:30

A Preliminary Look at Generative AI for the Creation of Abstract Verbal-to-visual Analogies | Kara Combs, Trevor Bihl

Classifying Imbalanced Data: The Relevance of Accuracy and Feature Importance | Torben Widmann

Decision Systems for Smart Farming

Minitrack Chairs: Khouloud Boukadi, Rima Grati

DA 15 SEA PEARL 4 SATURDAY, 4:00 - 5:30

Enhancing Anomaly Detection in Agricultural IoT Systems through Incremental Learning with Spike Neural Networks | Dongyang Huo, Kadhim Hayawi, Asad Waqar Malik, Sri Devi Ravana

***Image-based Tail Posture Monitoring of Pigs**

| Jan-Hendrik Witte, Philipp Hesecker, Jeanette Probst, Imke Traulsen, Nicole Kemper, Jorge Marx Gómez

Digital Mobile Services for Everyday Life

Minitrack Chairs: Tomi Dahlberg, Anna Sell, Markus Makkonen, Pirkko Walden

DA 16 ILLIMA BOARDROOM FRIDAY, 2:00 - 3:30

A Push for Obscurity: The Role of Social Influence on Mobile Location Data Disclosure | Alexis Shore, James Cummings

The Antecedents of Advertisement Scepticism and Its Effects on the User Experience of Social Influence Features in the Context of Online Shopping

| Markus Makkonen, Anna Sell, Pirkko Walden, Lauri Frank, Emma Nevala

Digitization of the Individual - Personal Decision Analytics

Minitrack Chairs: Claris Chung, Yvonne Hong, David Sundaram

DA 17 HIBISCUS 1 SATURDAY, 2:00 - 3:30

Walking a Fine Line: Customer Participation in Live Streaming Reminder | Xi Zhang, Zifeng Cheng, Xiaopei Liu, Bo Jin

Designing and Evaluating Carrot, a Persuasive System for Improving Good-to-Bad Behavior Ratios | Thomas Gill

Drivers for Next Level Digital Service Innovation: Metaverse, IoT and Generative AI

Minitrack Chairs: Tuure Tuunanen, Tilo Böhmann, Jan Marco Leimeister

DA 18 SEA PEARL 2 THURSDAY, 10:00 - 11:30

Why Blockchain-Based Digital Assets Are Owned on Decentralized Metaverse Platforms? | Lin Li, Peishu Peng, Gang Ren

Online Value Creation Behavior of Ōura Ring Users and Service Quality Evaluation | Sanaz Soltani, Tuure Tuunanen, Markus Makkonen, Jani Holopainen

Educational Data Mining for Decision Making

Minitrack Chairs: Gary Weiss, Yi Ding, Daniel Leeds, Yijun Zhao

DA 19 CORAL 2 THURSDAY, 2:00 - 3:30

A Quantitative Machine Learning Approach to Evaluating Letters of Recommendation | Yijun Zhao, Tianyu Wang, Douglas Mensah, Ellise Parnoff, Siyi He, Gary Weiss

Explainable Artificial Intelligence (XAI)

Minitrack Chairs: Christian Meske, Babak Abedin, Fethi Rabhi, Mathias Klier

DA 20 CORAL 2 SATURDAY, 4:00 - 5:30

Follow Me, Everything Is Alright (or Not): The Impact of Explanations on Appropriate Reliance on Artificial Intelligence | Marie Christine Walter

Inclusive and Explainable AI Systems: A Systematic Literature Review | Amelie Girard, Didar Zowghi, Muneera Bano, Marian-Andrei Riziou

A Mythic Belief Regarding Trust in Artificial Intelligence: Uncovering the Role of Responsibility Perception for AI Use in Decision Makings | Kyootai Lee, Wooje Cho, Han-Gyun Woo

Gamification

Minitrack Chairs: Juho Hamari, Nannan Xi,
Ana Tome Klock, Benedikt Morschheuser

DA 21 SEA PEARL 4 FRIDAY, 8:00 - 9:30

Considerations for Player Enjoyment and Exertion in Casual Exergames | Erik Berglund, Izabella Jedel, Helena Orädd, Aseel Berglund

***Designing Gamification Concepts for Expert Explainable Artificial Intelligence Evaluation Tasks: A Problem Space Exploration** | Philipp Toussaint, Simon Warsinsky, Manuel Schmidt-Kraepelin, Scott Thiebes, Ali Sunyaev

Leveraging Gamification to Facilitate Information Sharing in the Service Industry: An Empirical Study | Sebastian Weber, Bastian Kordyaka, Björn Niehaves

Global Trends in Flow Theory Research within Gameful Environments: A Scoping Review, Bibliometric Analysis, and Agenda for Future Studies | Wilk Oliveira, Juho Hamari

Information Security in the Era of Artificial General Intelligence (AGI)

Minitrack Chairs: Martin Kang, Anat Zeelim-Hovav

DA 22 SEA PEARL 4 SATURDAY, 10:00 - 11:30

CISO-BERT: Matching Information Security Requirements by Fine-Tuning the BERT Language Model | Stefan Hirschmeier

Intelligent Decision Support for Logistics and Supply Chain Management

Minitrack Chairs: Julia Pahl, Stefan Voß

DA 23 S PACIFIC 1 SATURDAY, 10:00 - 11:30

Value Driver Trees for KPI-Based Decision Analytics: Process Performance in the Order-to-Delivery Process | Linda Morgret, Carsten Feldmann, Benjamin Matthies

Digital Supply Chain Resilience: Analyzing the Literature Using a Topic Modeling Approach

| Atiyeh Kazeroonimonfared, Ravi Vatrappu

Critical Spare Parts Management in Maritime Shipping: Selection and Control | Matthis Patzke, Saber Saeed, Julia Pahl

Intelligent Decision Support on Networks - Data-driven Optimization, Augmented and Explainable AI in Complex Supply Chains

Minitrack Chairs: Stefan Pickl, Alex Bordetsky, Wolfgang Bein

DA 24 S PACIFIC 1 SATURDAY, 8:00 - 9:30

***Detection of Important States through an Iterative Q-value Algorithm for Explainable Reinforcement Learning** | Rudy Milani, Maximilian Moll, Renato De Leone

Machine Learning in Vehicle Travel Time Estimation: A Brief Technological Perspective and Review | Truong Son Pham, Marian Sorin Nistor, Loi Cao, Markus Gerschberger, Maximilian Moll

Learning Analytics

Minitrack Chairs: Galina Deeva, María Óskarsdóttir, Anna Sigridur Islind, Sara Willermark

DA 25 CORAL 2 FRIDAY, 4:00 - 5:30

Discovering Unusual Study Patterns Using Anomaly Detection and XAI | Elena Tiukhova, Pavani Vemuri, Maria Óskarsdóttir, Stephan Poelmans, Bart Baesens, Monique Snoeck

***Something for Every Kind of Learner: Students' Perceptions of an Educational Recommender Study Tool** | Alicia Mcnett, Cherie Noteboom

Mixed Reality and Metaverse: Socio-Behavioral Applications

Minitrack Chairs: Jani Holopainen, Essi Pöyry,
Xusen Cheng, Triparna de Vreede

DA 26 SEA PEARL 2 THURSDAY, 2:00 - 3:30

How Do Personality Traits Affect Consumer Decision-Making in Metaverse? | Nannan Xi, Chengyuan Li, Elpida Bampouni, Juho Hamari

Human-AI Interaction - Is It Trust or Emotions That Mediates Behavioral Intentions? | Dongdong Yao, Jani Holopainen, Tommi Laukkanen

Behind the Veil: Exploring Anonymity's Effect in Emerging Metaverse for Mental Health Therapy | Merve Turan Akdag, Nihal Wahl

Practitioner Research Insights: Applications of Science and Technology to Real-World Innovations

Minitrack Chairs: Utpal Mangla,
Ammar Rayes, Heather Yurko

DA 27 HIBISCUS 2 SATURDAY, 8:00 - 9:30

Leveling Up! A Scorecard Methodology for Game Development Pitches | David Lau, Xiahua Wei

Overcoming the Digital Divide in the Era of Artificial Intelligence | Tayfun Keskin, Fleur Vermeulen

Qualitative Comparative Analysis in Business and Management Research

Minitrack Chairs: József Mezei, Shahrokh Nikou

DA 28 SEA PEARL 2 SATURDAY, 10:00 - 11:30

Customer Review Analysis of Online E-commerce Platforms - A Configurational Approach | Jozsef Mezei, Laleh Davoodi, Shahrokh Nikou

Service Analytics

Minitrack Chairs: JHansjörg Fromm, Niklas Kühl,
Thomas Setzer, Michael Vössing

DA 29 CORAL 2 SATURDAY, 10:00 - 11:30

***Predicting Customer Satisfaction in Service Processes Using Multilingual Large Language Models** | Annina Liessmann, Sandra Zilker, Sven Weinzierl, Maria Sukhareva, Martin Matzner

Context-aware Explanations of Accurate Predictions in Service Processes | Sven Weinzierl, Sandra Zilker, Jens Brunk, Kate Revoredo, Martin Matzner, Jörg Becker

Sports Digitalization - Realizing The Potential Value of Tracking Technologies in Professional Sports Organizations | Henrike Konzag, Nanna Sølvkær Schütz

Loss-Leader Pricing Strategies for Personalized Bundles under Customer Choice | Zhengliang Xue, Shiva Subramanian, Markus Ettl

DA 30 CORAL 2 SATURDAY, 2:00 - 3:30

OptiGuide: An Efficient Domain-Independent Package Recommender System Based on Multi-Objective Optimization and User Decision Guidance | Tahani Almanie, Alexander Brodsky

Increasing Normal Approximation in Psychometric Health Care Data Analyses Using a Compositional Data Approach | Rene Lehmann, Bodo Vogt

Improving Query Performance in RaaS: A Framework for Reputation as a Service in Decentralized Marketplaces | Ravi Mukkamala, Stephen Olariu, Meshari Aljohani

Data Annotation for Support Ticket Data: A Literature Review | Simon Fuchs, Janik Schnellbach, Lukas Schmidt, Holger Wittges

Service Science

Minitrack Chairs: Paul Maglio, Fu-ren Lin

DA 31 CORAL 2 SATURDAY, 8:00 - 9:30

Recombining Operant Resources: Integrating Service Design and Service Engineering to Improve Service Innovation | Meri Vikström, Tuure Tuunanen, Sarah Hönigsberg

Menu Optimization for Assisted Living Facilities

| Sadan Kulturel-Konak, Abdullah Konak, Nagesh Gavirneri

***The Prompt-a-thon: Designing a Format for Value Co-Creation with Generative AI for Research and Practice**

| Emir Kučević, Constantin Von Brackel-Schmidt, Tom Lewandowski, Stephan Leible, Lucas Memmert, Tilo Böhmann

Predictors of Sustainability Research Internalization in HEIs as a Service Ecosystem: An Empirical Study in Taiwan | Mehtab Alam, Fu-Ren Lin

Services for All: Inclusion, Accessibility, and Diversity

Minitrack Chairs: József Mezei, Shahrokh Nikou

DA 32 NAUTILUS 1 FRIDAY, 8:00 - 9:30

Accessibility of Educational Games and Game-Based Approaches to People with Learning and Physical Disabilities: A Systematic Literature Review | Lobna Hassan

Mystery Shopping: Improving Quality Assurance of Public Transport Services for People with Restricted Mobility Using a Prototypical Mobile Application | Arschad Akhgarnusch, Stefan Voß, Liping Ge

Leanbotics' Case - Exploring Inclusive Synergies Between Robotic Process Automation (RPA) and Process Improvement | Damian Kedziora, Dominik Siemon, Ramesh Sharda

***One Size Fits All? Informational Accessibility and Inclusivity in Online Platforms** | Yu Kan, Ye Liu, Uttara M. Ananthakrishnan, Yong Tan

*Best Paper Nomination

Simulation Modeling and Digital Twins for Decision Making in the Age of Industry 4.0

Minitrack Chairs: Sebastian Lang, Steffen Strassburger, Stefan Galka, Tobias Reggelin

DA 33 SEA PEARL 3 SATURDAY, 2:00 - 3:30

Imitation Learning Based on Deep Reinforcement Learning for Solving Scheduling Problems

| Abdulrahman Nahhas, Andrey Kharitonov, Christian Haertel, Klaus Turowski

***Reviving Simulated Annealing: Lifting its Degeneracies for Real-Time Job Scheduling**

| Johann Schmidt, Benjamin Köhler, Hagen Borstell

Optimizing Safety Stock Placement in Large Real-World Automotive Supply Networks Using the Guaranteed-Service Model | Benjamin Rolf,

Kayvan Lavassani, Sebastian Lang, Tobias Reggelin

Smart and Sustainable Mobility Services and Ecosystems

Minitrack Chairs: Sebastian Lang, Steffen Strassburger, Stefan Galka, Tobias Reggelin

DA 34 HIBISCUS 2 FRIDAY, 10:00 - 11:30

***From Cute to Incompetent: The Impact of Anthropomorphic Design on Responsibility Attribution in Autonomous Driving** | Uwe Messer, Denise Pape, Nadine Lukas, Leonore Peters

Cycling Towards Equity: Assessing the Role of Bike Share Programs in Mitigating Urban Transportation Disruptions and Promoting Inclusive Mobility

| Yunmin Choi, Jaehwuen Jung, Jiye Baek

Smart Tourism and Data-driven Decision Making

Minitrack Chairs: Soyoung Park, Jahyun Goo, C. Derrick Huang, Chul Woo Yoo

DA 35 ILLIMA BOARDROOM THURSDAY, 2:00 - 3:30

Compositional Data Statistics Improves Smart Tourism Data Analytics: Profound Managerial Decisions through Reduced Statistical Bias and Increased Power

| Rene Lehmann, Bodo Vogt

Social Robots - Robotics and Toy Computing

Minitrack Chairs: Patrick Hung, Shih-Chia Huang,
Sarajane Marques Peres

DA 36 S PACIFIC 1 THURSDAY, 4:00 - 5:30

Understanding the Value Co-creation Potential of Social Robots in Primary School Education

| Maria Korhonen, Juuli Lumivalo, Kati Clements,
Tuure Tuunanen

Adaptive Defence of the Internet of Things (IoT) Using the Belief-Desire-Intention (BDI) Model for Social Robots

| Laura Rafferty, Aine Macdermott

A Preliminary Design of Privacy Ontology for Smart Toys

| Otavio Albuquerque, Farkhund Iqbal, Patrick Hung,
Marcelo Fantinato, Sarajane Marques Peres

*Designing Anthropomorphic Robots for the Real World: Morphological Analysis for Design Science Research on Current and Upcoming Robot Technologies

| Marcel Leichtle, Daniel Hornburg

Soft Computing: Theory Innovations and Problem-Solving Benefits

Minitrack Chairs: Enrique Herrera-Viedma,
Francisco Cabrerizo, Ignacio Javier Pérez

DA 37 S PACIFIC 2 SATURDAY, 2:00 - 3:30

A Study of Different Protocols of Distribution of Information Granularity to Build Consensus in Fuzzy Group Decision-Making

| Juan Carlos González-Quesada, Ignacio Javier Pérez,
Enrique Herrera-Viedma, Francisco Cabrerizo

Methodology Based on Linguistic Protoforms for Activity Detection in Patients with Type 2 Diabetes Mellitus

| David Díaz Jiménez, José Luis López Ruiz,
Jesús González Lama, Macarena Espinilla

*EllipScape: A Genetic Algorithm Based Approach to Non-Photorealistic Colored Image Reconstruction for Evolutionary Art

| Soumil Datta, Charles Walter

Explainable Intrusion Detection System in IoT Scenarios: A Cross-Device Model Training and Evaluation for Traffic Classification

| Pietro Ducange,
Michela Fazzolari, Francesco Marcelloni

Technology and Analytics in Emerging Markets (TAEM)

Minitrack Chairs: Wonseok Oh, Gene Moo Lee,
Sang-Pil Han, Sungho Park

DA 38 S PACIFIC 2 THURSDAY, 4:00 - 5:30

The Impact of Live Sports Broadcasting on Digital Piracy and its Societal Consequences

| Bora Jeong,
Gunwoong Lee, Keongtae Kim

The Implications of Artificial Intelligence Feedback for Worker Productivity

| Haoyuan Liu, Wen Wen,
Ashish Agarwal, Andrew Whinston

Video Quality Downgrades in Live-Streaming: Net-Neutrality Implications for Platforms

| Daesan Oh,
Jin Soo Han, Sung-Hyuk Park

She? The Role of Perceived Agent Gender in Social Media Customer Service

| Junyuan Ke, Yang Gao,
Shujing Sun, Huaxia Rui

DSM: Digital and Social Media

Co-Chair: Kevin Crowston

Applying Netnographic Research in the System Sciences Context-Insights, Illustrations, and Intersections

Minitrack Chairs: Robert Kozinets,
Ulrike Gretzel, Tung Bui

DSM 1 KAHILI 2 THURSDAY, 10:00 - 11:30

Netnography to Uncover the New Aesthetic of the Zoomie

| Angela Beccanulli, Silvia Biraghi,
Rossella Gambetti

*Ethics in Netnography: Exploring Privacy in Public Spaces

| Anne Herfurth, Gregory Bott

Transformative Netnography: Combining Representation, Social Media, and Participatory Action Research
| Robert Kozinets, Lena Cavusoglu, Russell Belk

Netnography for Crisis Management and Information Systems Research | Maryam Shahbazi, Barney Tan, Deborah Bunker

Critical and Ethical Studies of Digital and Social Media

Minitrack Chairs: Nicholas Proferes,
Britt Paris, Amelia Acker

DSM 2 KAHILI 2 THURSDAY, 2:00 - 3:30

Exploring Values Embedded within Social Media Platforms: A Case Study of WeChat | Yinan Sun, Dan Suthers

All Warnings Are Not Equal: A User-Centered Approach to Comparing General and Specific Contextual Warnings against Misinformation | Chen Guo, Zifei "Sherry" Guo, Nan Zheng, Chengqi "John" Guo

***Typification and Characteristics of Digital Safe Spaces: A Literature Review** | Nadia Ruiz-Bravo

DSM 3 KAHILI 2 THURSDAY, 4:00 - 5:30

Country of Origin Bias in Online Reviews and Its Impact on Products Rating | Leila Khoshghadam

Social Media as a Social System Justifier in the Wake of #Metoo Campaign: Examining Nuances and Challenges in the Entertainment Industry
| Harsh Parekh, Shriya Thakkar, Paras Bhatt

Search Me, O [Algorithm] and Know my Heart: Queer Faith in Dating Apps | W.E. King

Objective Social Media Use and Well-Being: An Actual Behavior Study | Katharina Baum, Olga Abramova, Margarita Gladkaya, Hanna Krasnova

Culture, Identity, and Inclusion

Minitrack Chairs: Nanette Levinson,
Derrick Coghurn, Filippo Trevisan

DSM 4 HIBISCUS 1 SATURDAY, 8:00 - 9:30

***Social Media as Fragile State**
| Caroline Haythornthwaite, Philip Mai, Anatoliy Gruzd

Cultural Transformations of E-commerce Consumer Behavior and Intention Toward Using Artificial Intelligence (AI) Assistants | Ahlam Alnefaie, Kyeong Kang

Facilitating Group Work Skills in Online Environment: Experiences from Developing a Course Assignment
| Ilona Ilvonen, Maija Ylinen, Sonja Kari

DSM 5 HIBISCUS 1 SATURDAY, 10:00 - 11:30

WeChat Culture in Transition: Navigating Platform, User, and Tradition | Yinan Sun, Dan Suthers

Exploring the Impacts of Virtual Role Identification on Knowledge Sharing in Virtual Communities: A Perspective of Structural Symbolic Interactionism
| Chengxi Zhou, Yongqiang Sun, Yiwen Zhang

Getting Anxious while Retouching Photos? Exploring the Relationships between Affordances of Photo Retouching Applications and Appearance Anxiety
| Dongyuan Zhu, Vincent Huang

Discussion: Minitrack Co-creation of Future Research Initiatives

*Best Paper Nomination

**Data Analytics, Data Mining,
and Machine Learning for Social Media**

Minitrack Chairs: David Yates,
Kevin Mentzer, Natalie Gerhart

DSM 6 KAHILI 2 FRIDAY, 8:00 - 9:30

What Symptoms and How Long? An Interpretable AI Approach for Depression Detection in Social Media
| Junwei Kuang, Jiaheng Xie, Zhijun Yan

How COVID-19 Conspiracy Theories Spread on Twitter
| Anatoliy Gruzdt, Amira Ghenai, Philip Mai

A Framework for Perception Analysis of Social Media Data during Disease Outbreaks: Uncovering Patterns of Resentment Towards Bats | Izunna Okpala, Guillermo Romera Rodriguez, Chaeun Han, Melissa Meierhofer, Stefano Mammola, Shane Halse, Jess Kropczynski, Joseph Johnson

DSM 7 KAHILI 2 FRIDAY, 10:00 - 11:30

What if Social Bots Be My Friends? Estimating Causal Effect of Social Bots Using Counterfactual Graph Learning | Ziyue Wu, Yiqun Zhang, Xi Chen

Enhancing User Behavior Modeling via Machine Learning with Combined Text and Image Data
| Chad Crowe, Brian Ricks, Margeret Hall

Visual Uniqueness: An Unsupervised Contrast Learning Approach | Xiaohang Feng, Charis Li, Shunyu Zhang

DSM 8 KAHILI 2 FRIDAY, 2:00 - 3:30

From Virality to Veracity: Examining False Information on Telegram vs. Twitter | Jonas Rieskamp, Milad Mirbabaie, Marie Langer, Alexander Kocur

Fake News Detection by Machine Learning in Latin America: A Systematic Review | Jean Gabriel Nguema Ngomo, Raquel Torres De Paiva, Ana Cristina Garcia

***Inferences from Social Media Conversations about the Adoption of Chatbots** | V. Phoebe Pawlik, Yan Pan

DSM 9 KAHILI 2 FRIDAY, 4:00 - 5:30

All is Fair in Love and War: Moral Foundations in English-Language Tweets during the First 36 Weeks of Conflict Between Ukraine and Russia | Eimon Amjadi, Richard John

Effectively Delivering Author's Point to Reader: Pointer-Generator Network Approach | Hyeonjo Kim, Sukhwa Hong

Systematic Contextual-based Affinity Analytics Research on Association of Manager Response and Customer Reviews | Xavier Babu, Juheng Zhang

Decision Making in Online Social Networks

Minitrack Chairs: Valeria Sadovykh, David Sundaram, Gabrielle Peko, Ghazwan Hassna

DSM 10 SEA PEARL 2 FRIDAY, 4:00 - 5:30

Exploring the Moderating Effects of Media Complexity on the Relationship between Message Content and Individual Responses in Social Media
| Timothy Kaskela, Jaeki Song

***Romantic Selectivity and Sexual Assertiveness on Dating Apps: An Experimental Test**
| Cassandra Alexopoulos, Liesel Sharabi

Deciding to Delete Posts on Reddit: What Factors Influence Content Removal | Chris Vargo, Gina Masullo, Tobias Hopp

Exploring the Role of Social Data in Resolving Paradoxes of Behavioral Visibility in Online Product Reviews for New Product Development | Fabian Siekmann

Digital and Social Media in Enterprise

Minitrack Chairs: Tawei David Wang,
Ester Gonzalez, Xuefei Deng

DSM 11 ILLIMA BOARDROOM SATURDAY, 8:00 - 9:30

***Does the Experience of Using Metaverse Affect the Relationship between Social Identity, Psychological Ownership, and Engagement?** | Minyoung Lee,
Kay Zun Lin Min, Sang-Hyun Kim

An Affordance Lens Perspective of Information Sharing via Enterprise Micro-Blogging Platform
| Raymond Martinez, Souren Paul

Games and Gaming

Minitrack Chairs: Nathaniel Poor,
Stephanie Orme, Andrew Phelps

DSM 12 HIBISCUS 1 THURSDAY, 8:00 - 9:30

Playing the (Streaming) Fame Game: (Re)Presentations of Success, Challenges, and Demand in Streaming Simulation Games | Kelly Boudreau, Nicholas Bowman,
Mia Consalvo, Andrew Phelps

UnityAccessibilityToolkit (UA11Y): Developer Tool and Roadmap to Make Games More Accessible for People with Vision Impairments | Klemens Strasser, Johanna Pirker

A Hybrid Revolution: The Appeal of Hybrid Gaming on the Nintendo Switch | Tianyi Zhangshao, Marcus Carter

Murmuring Crowds and Flickering Lights: Exploring Sense of Place Across Spatial Materialities and Valences
| Jaime Banks, Nicholas Bowman

DSM 13 HIBISCUS 1 THURSDAY, 10:00 - 11:30

The Next Level of Horror Entertainment: Facing Fear in Cooperative Interactive Drama Survival Horror Games
| Katarzyna Marak, Miłosz Markocki, Piotr Siuda

Memorable Play in Dungeons & Dragons: Understanding the Relationship Between TTRPG Design and Peak Play Experiences | Premeet Sidhu, Marcus Carter

Culturally Justified Hate: Prevalence and Mental Health Impact of Dark Participation in Games
| Rachel Kowert, Elizabeth Kilmer, Alex Newhouse

Communities of Risk, Identity, Youth and and Civil Disobedience: Parkour, Skateboarding, Skywalking as Rebellious Play | Lindsay Grace

Generative AI and AI-generated Contents on Social Media

Minitrack Chairs: Yichuan Wang, Yiran Su

DSM 14 KAHILI 1 THURSDAY, 4:00 - 5:30

How Good Can Machine Generated Texts Be Identified and Can Language Models Be Trained to Avoid Identification? | Sinclair Schneider, Florian Steuber,
João A. G. Schneider, Gabi Dreo Rodosek

Incorporating Artificial Intelligence into Student Academic Writing in Higher Education: The Use of Wordtune by Chinese international students | Xin Zhao,
Jiahong Xu, Andrew Cox

Mediated Conversation

Minitrack Chairs: Seth Lewis,
Yoram Kalman, Gina M. Masullo

DSM 15 KAHILI 2 SATURDAY, 10:00 - 11:30

Exploring the Network and Topic Stability in Climate Change Deniers' Disinformation Network: A Longitudinal Study | Aimei Yang

***Reporting during the COVID-19 Eras: Media Attention and News Framing through a Large-Scale Computational Analysis** | Amy Ritchart, Rebecca Britt,
Shaheen Kanthawala, Khadiza Tul Jannat, Naiyan Jones

Social Media Influencers and Influencing

Minitrack Chairs: Samira Farivar,
Fang Wang, Wangshuai Wang

DSM 16 HIBISCUS 1 FRIDAY, 8:00 - 9:30

Do You See Harm in Your Social Media Influencer Engagement? The Mechanism of Perceived Threat

| Samira Farivar, Fang Wang, Ofir Turel

Under Pressure: A Netnographic Study of Threats to Influencer and Creator Mental Health

| Ulrike Gretzel, Tanja Schöllhammer

Toward a Taxonomy of Social Media Influencers in Public Health Communication

| Julian Marx, Beatriz Blanco, Hannah Bollmann

DSM 17 HIBISCUS 1 FRIDAY, 10:00 - 11:30

Exploring the Influence of Contagious Threats on Consumer Perceptions of Social Media Influencers

| Bingjie Deng, Yunlu Yin

Come Closer, but Not Too Close: How Virtual Influencers Can Facilitate or Restrict Brand Experiences in the Metaverse

| Henrietta Batinovic, Fabian Tingelhoff, Maik Hammerschmidt, Sofia Schöbel

The Attractiveness of Visuals vs. Content: Investigating the Impact of Video Features on Active Engagement for Virtual Influencer Videos

| Ying Wang, Jiao Wu, Jaeki Song

DSM 18 HIBISCUS 1 FRIDAY, 2:00 - 3:30

Unraveling the Role of Social Media Influencers' Characteristics in Increasing Consumer CSR Engagement: A Perspective from Social Learning Theory

| Kiseol Yang, Elisha Menchaca, Brenda Esquivel Lizarraga

What Makes a Climate Change Denier Popular? Exploring Networked Social Influence in a Disinformation Spreader Group

| Aimei Yang

Managing the Social Influence of Public Figures on Social Media

| Hsiao-Ting Tseng, Chia-Lun Lo, Ting-Ann Shih

DSM 19 HIBISCUS 1 FRIDAY, 4:00 - 5:30

Predicting Sales Lift of Influencer-generated Short Video Advertisements: A Ladder Attention-based Multimodal Time Series Forecasting Framework

| Zhe Fu, Kanlun Wang, Jianfei Wang, Yunqin Zhu

Decentralized Opinion Leadership: A Study of Crypto Influencers in the Twitter Discourse on Bitcoin

| Constantin Lichti, Endrit Ademi, Andranik Tumasjan

The Impact of Online Word-of-Mouth and Default News on Trading Volumes in Peer-to-Peer Lending Platforms

| Yanan Shang, Jin Hu, Cheng Tao, Daning Hu, Xuan Yang

Streaming Media in Entertainment

Minitrack Chairs: Franziska Zimmer, Juho Hamari,
Joseph Macey, Katrin Scheibe

DSM 20 NAUTILUS 2 SATURDAY, 10:00 - 11:30

Does Synchronicity of Emotion Between Steamers and Viewers Influence Consumption? Evidence from Live Streaming of Virtual Idols

| Menghan Duan, Yueyue Zhang, Qi Zhang, Cheng Zhang

DG: Digital Government

Co-Chairs: Mila Gascó-Hernandez, Christian Schaupp

AI in Government

Minitrack Chairs: Dapeng Liu,
Mila Gasco-Hernandez, Lemuria Carter

DG 1 HIBISCUS 2 FRIDAY, 8:00 - 9:30

National AI Strategic Plans for the Public versus Private Sectors: A Cross-Cultural Configurational Analysis

| James Denford, Gregory S. Dawson, Kevin Desouza

Voices from the Frontline: Revealing the AI Practitioners' Viewpoint on the European AI Act

| Fiona Koh, Kathrin Grosse, Giovanni Apruzzese

A Typology for AI-enhanced Online Ideation: Application to Digital Participation Platforms | Nicolas Bono Rossello, Anthony Simonofski, Antoine Clarinval, Annick Castiaux

Public Managers Perception on Artificial Intelligence: The Case of the State of Mexico | Adrian Millan Vargas, Rodrigo Sandoval-Almazán

Cybersecurity and Privacy in Government

Minitrack Chairs: Keith Harrison, Greg White, Art Conklin

DG 2 SEA PEARL 4 SATURDAY, 8:00 - 9:30

Privacy in UK Police Digital Forensics Investigations | Paul Van Schaik, Alastair Irons, Karen Renaud

The Digital Empowerment Paradox: The Experience in Denmark | Jan Pries-Heje, Benedicte Fleron, Richard Baskerville

Academia Leadership in Improving the Cybersecurity Posture of Government and Local Communities | Greg White, Natalie Sjelin, Jeremy West, Rajendra Boppana

DG 3 SEA PEARL 4 SATURDAY, 10:00 - 11:30

A Worldwide Overview on the Information Security Posture of Online Public Services | João Marco Silva, Diogo Ribeiro, Luis Felipe Ramos, Vitor Fonte

***Uncovering Critical Resources and Factors Influencing the Use of Threat Intelligence Sharing Platforms** | Clemens Sauerwein, Christina Wenzl, Ruth Breu

Design, Implementation, and Management of Digital Government Policies and Strategies

Minitrack Chairs: Francesco Gualdi, Antonio Cordella, Liudmila Zavolokina, Frank Bannister

DG 4 HIBISCUS 2 SATURDAY, 10:00 - 11:30

Public Administration as Positive Example for Transparency in Data Collection and Sharing regarding the

Life-Event "Birth of Child" | Daniel Wessel, Karlson Hanke, Robin Preiß, Christian Herzog, Christiane Wegner, Sandra Claudy, Moreen Heine

Making Digital File Management Successful: A Grounded Model of DFM Adoption in the Public Sector | Fabian Walke, Florian Ulmke, Till J. Winkler

The Problem of Low Participation in Participatory Budgeting from the Perspective of Adoption of Innovation | Magdalena Roszczynska-Kurasinska, Agnieszka Rychwalska, Nina Wróblewska

DG 5 HIBISCUS 2 SATURDAY, 2:00 - 3:30

Toward Citizen-Centered Digital Government: Design Principles Guided Legacy System Renewal in a Swedish Municipality | Per Persson, Yixin Zhang, Aleksandre Asatiani, Juho Lindman, Daniel Rudmark

Navigating Landscapes for Digital Innovation: A Nordic Government Agency Case | Mikael Lindquist, Livia Norström, Juho Lindman

A Case Study of Continuous Adoption in the Norwegian Public Sector | Astri Barbala, Tor Sporse, Klaas-Jan Stol

DG 6 HIBISCUS 2 SATURDAY, 4:00 - 5:30

The Influence of Platform Government Characteristics on the Performance of China's Publicity Departments During the COVID-19 Pandemic: Evidence from Social Media | Mian Liu, Luning Liu

***Digital Government in Conditions of War: Governance Challenges and Revitalized Collaboration between Local Authorities and Civil Society in Provision of Public Services in Ukraine** | Olga Matveieva, Tetiana Mamatova, Yevgen Borodin, Mariana Gustafsson, Elin Wihlborg, Serhiy Kvitka

Reckless Indifference: The Power of Governance to Create or Destroy Value and Trust in Digital Ecosystems | Catherine Thompson, Daniel Samson, Sherah Kurnia

*Best Paper Nomination

Digital Government Theory: Development and Application

Minitrack Chairs: Elin Wihlborg,
Magdalena Roszczyńska-Kurasińska, Peter André Busch

DG 7 HIBISCUS 2 FRIDAY, 10:00 - 11:30

Theorizing the Regulation of Generative AI: Lessons Learned from Italy's Ban on ChatGPT | Francesco Gualdi, Antonio Cordella

Disaster Information, Resilience, for Emergency and Crisis Technologies

Minitrack Chairs: Frederick Benaben,
Julie Dugdale, Elsa Negre, Mihoko Sakurai

DG 8 HIBISCUS 2 THURSDAY, 8:00 - 9:30

Applying Crisis Informatics in Environmental Events in North America - A Systematic Review

| Mustapha Yakubu, Lily Botsyoe, Jess Kropczynski,
Joe Johnson, Feifei Pang, Emmanuel Kojo Gyamfi

An Empirical Exploration of Key Factors Influencing Community Resilience: Insights from Chinese Communities | Yumei Chen, Xiaoyan Zhu,
Luis Luna-Reyes, Shanshan Chen, Huang Huang

Digital Resilience in Flux: A Comparative Analysis in Manufacturing Pre- and Post-Crisis | Hannah Stein,
Sabine Janzen, Benedikt Haida, Wolfgang Maass

Motivated Bias in Detecting Climate Change Misinformation | Mia Fong, Richard John

DG 9 HIBISCUS 2 THURSDAY, 10:00 - 11:30

A Design Theory for Spontaneous Volunteer Coordination Systems in Disaster Response | Hans Betke,
Martina Sperling, Guido Schryen, Stefan Sackmann

Damaged Building Detection using Multiple Object Tracking and Decision Tree from Aerial Videos for Disaster Response | Shono Fujita, Michinori Hatayama

*Simulating Casualty Transportation and Allocation Policies for Mass Casualty Incident Scenarios

| Florentina Hager, Franziska B. Metz,
Melanie Reuter-Oppermann

DG 10 HIBISCUS 2 THURSDAY, 2:00 - 3:30

Recognizing Similar Crises through the Application of Ontology-based Knowledge Mining | Ngoc Luyen Lê,
Marie-Hélène Abel, Elsa Negre

"Listening In": Social Signal Detection for Crisis Prediction | Sabine Janzen, Prajvi Saxena, Sebastian Baer,
Wolfgang Maass

Adopting a Trading Zone Framework to Emergency Management | Kjetil Rustenberg, Jaziar Radianti,
Terje Gjøsæter

Diversity, Equity, and Inclusion in Digital Government: Narrowing the Divides

Minitrack Chairs: John Bertot, Jonathan Lazar,
Simone Barbosa, David Duenas-Cid

DG 11 HIBISCUS 2 SATURDAY, 8:00 - 9:30

A Review of Digital Government Challenges in Developing Nations | Stephen Thorpe, Bikash Pokhrel

Emerging Topics in Digital Government

Minitrack Chairs: Andriana Prentza,
J. Ramon Gil-Garcia, Maria A. Wimmer

DG 12 SEA PEARL 4 THURSDAY, 2:00 - 3:30

Designing Digital Identity Infrastructure: A Taxonomy of Strategic Governance Choices | Alexandre Amard,
Eduard Hartwich, Alexandra Hoess, Alexander Rieger,
Tamara Roth, Gilbert Fridgen

***Assessing the Organizational Interoperability of the National Single Digital Gateway (GOV.GR)** |

Vasiliki Margariti, Teta Stamati,
Dimosthenis Anagnostopoulos, Mara Nikolaidou

The Use of Open Data: Challenges and Good Practices from a User's Perspective | Dwi Sari, Mila Gasco-Hernandez

*Best Paper Nomination

DG 13 SEA PEARL 4 THURSDAY, 4:00 - 5:30

Closing the Gap: Leveraging Data for Seamless Integration between Pre-Award and Post-Award in Public Procurement | Maria Siapera, Andreas Schmitz, Maria A. Wimmer, Andriana Prentza

Analyzing Threats to Financial Market Integrity - A Taxonomy of Financial Fake News Schemes | Oliver Rath, Frederic Haase, Johannes Melsbach, Jiarun Liu, Julia Lauten, Detlef Schoder

Socially Sustainable Digital Transformation in the Public Sector: A Systematic Literature Review | Ilaria Crivellari, Charlotte Husom Grøder, Elena Parmiggiani, Stine Thordarson Moltubakk, Lene Elisabeth Bertheussen

Smart and Connected Cities and Communities

Minitrack Chairs: Gabriela Viale Pereira, Manuel Pedro Rodríguez Bolívar, Anna Domaradzka

DG 14 HIBISCUS 2 FRIDAY, 2:00 - 3:30

A Reference Model for Urban Data Governance and its Design Principles | Yusuf Bozkurt, Alexander Rossmann, Zeeshan Pervez

The Role of Governance to Support Smart Community Development: A Systematic Literature Review | Magdalena Ciesielska, Gabriela Viale Pereira

See It, Say It: Encouraging Citizen Reporting of Sustainability and Inclusivity Infrastructure Issues in Cities | Verena Dorner, Akos Barta, Kenneth Qua

DG 15 HIBISCUS 2 FRIDAY, 4:00 - 5:30

Sorting the Trash: How Smart Waste Management Systems Contribute to Sustainable Development in Smart Cities | Jobin Strunk, Katharina Ebner, Christian Anschütz, Stefan Smolnik

Role of Policy Strategies in Closing Urban-Rural Gap: Evidence from Smart Thermostat Adoption | Chunjie Zhao, Jing Zhang

Challenges and Future Directions for Integrating Healthcare Wearable Sensors into Smart Cities and Communities | Anna Domaradzka, Mikolaj Biesaga, Magdalena Roszczyńska-Kurasinska, Ewa Domaradzka

ES: Electric Energy Systems

Co-Chairs: Thomas Overbye, Lindsay Anderson

Resilient Networks

Minitrack Chairs: David Newman, Kate Davis

ES 1 LEHUA SUITE THURSDAY, 8:00 - 9:30

***GPU-Accelerated Verification of Machine Learning Models for Power Systems** | Samuel Chevalier, Ilgiz Murzakhanov, Spyros Chatzivasileiadis

Detecting and Mitigating Data Integrity Attacks on Distributed Algorithms for Optimal Power Flow using Machine Learning | Rachel Harris, Daniel Molzahn

Edgie: A Simulation Test-Bed for Investigating the Impacts of Building and Vehicle Electrification on Distribution Grids | Priyadarshan Priyadarshan, Elias Pergantis, Constance Crozier, Kyri Baker, Kevin Kircher

Stochastic Nodal Adequacy Platform: Spot Pricing of Adequacy | Richard Tabors, Aleksandr Rudkevich

*Best Paper Nomination

Monitoring, Control, and Protection

Minitrack Chairs: Joseph Eto, Jim Follum

ES 2 LEHUA SUITE THURSDAY, 10:00 - 11:30

On the Existence of Dominant Inter-Area Oscillation Modes in the North American Eastern Interconnect Stability Simulations | Thomas Overbye, Sanjana Kunkolienkar, Farnaz Safdarian, Adam Birchfield

Evaluating the Impact of Retiring Synchronous Fossil Fuel Generators on Inter-Area Oscillations in the U.S. Western Interconnection | Shuchismita Biswas, Quan Nguyen, Xue Lyu, Xiaoyuan Fan, Wei Du, Zhenyu Huang

PMU-based Modal Analysis of Two RTE Oscillation Events | Mohammadreza Maddipour Farrokhifard, Mani Venkatasubramanian, Gilles Torresan, Patrick Panciatici, Florent Xavier

Competitive Reinforcement Learning for Real-Time Pricing and Scheduling Control in Coupled EV Charging Stations and Power Networks | Adrian-Petru Surani, Tong Wu, Anna Scaglione

Policy, Markets, and Analytics

Minitrack Chairs: : Shmuel Oren, Masood Parvania

ES 3 LEHUA SUITE THURSDAY, 2:00 - 3:30

Transmission and Distribution Coordination Framework Using Parametric Programming: Optimal Pricing in the Distribution Systems | Mohammad Mousavi, Meng Wu

***Data-Driven Unit Commitment Refinement - A Scalable Approach for Complex Modern Power Grids** | Timothy Holt, Shrirang Abhyankar, Teja Kuruganti, Olaf Schenk, Slaven Peles

Multi Power-Market Bidding: Stochastic Optimization and Reinforcement Learning | Kim Miskiw, Nick Harder, Philipp Staudt

Optimal and Incentive-Compatible Scheduling of Flexible Generation in an Electricity Market

Distributed, Renewable, and Mobile Resources

Minitrack Chairs: Seth Blumsack, Judy Cardell

ES 4 LEHUA SUITE THURSDAY, 4:00 - 5:30

Methodologies for Selection of Optimal Sites for Renewable Energy Under a Diverse Set of Constraints and Objectives | Arunabha Sen, Christopher Sumnicht, Sandipan Choudhuri, Suli Adeniye, Amit B. Sen

Optimizing Dual-Axis Solar Panel Operation in an Agrivoltaic System and Implications for Power Systems | Anna Stuhlmacher, Johanna Mathieu, Peter Seiler

An Enhanced Short-term Forecasting of Wind Generating Resources based on Edge Computing in Jeju Carbon-Free Islands | Jin Hur, Eunji Ahn

Responsive District Heating for a Sustainable Power Grid | Robin Zou, Sarah Robson, Denise Mckahn, Judith Cardell

Monitoring, Control, and Protection

Minitrack Chairs: Joseph Eto, Jim Follum

ES 5 LEHUA SUITE FRIDAY, 8:00 - 9:30

A Novel Method for Setting Meaningful Thresholds for RMS-Energy Oscillation Detectors | Jim Follum, Shuchismita Biswas, Pavel Etingov, Tianzhixi Yin

Real-time Monitoring and Mitigation and Offline Analysis of Forced Oscillations in RC West (CAISO) | Urmila Agrawal, Justin Bohlen, Jim Hiebert, Kaden Penner

Analysis of Generator Forced Oscillations During MOD 25 Testing Exploiting Wavelets | Chetan Mishra, Luigi Vanfretti, Mark Baldwin, Jaime Delaree Jr, Kevin Jones

Real-time Inertia Estimation Using Probing Method and PMU Measurement | Yi Zhao, Yilu Liu

Policy, Markets, and Analytics

Minitrack Chairs: Shmuel Oren, Masood Parvania

ES 6 LEHUA SUITE FRIDAY, 10:00 - 11:30

Optimization of Cryptocurrency Mining Demand for Ancillary Services in Electricity Markets | Ali Menati, Yuting Cai, Rayan El Helou, Chao Tian, Le Xie

Reliability Model of Joint Electricity and Natural Gas System Considering Electric Compressor Failures under Different Network Topologies | Wenjing Su, Seth Blumsack, Mort Webster

Invited Presentation

| Colton Ching, HECO Senior Vice President, Planning & Technology

Resilient Networks

Minitrack Chairs: David Newman, Kate Davis

ES 7 LEHUA SUITE FRIDAY, 2:00 - 3:30

Optimal Reconfiguration of Distribution Networks via Dynamic Programming | A. P. Sakis Meliopoulos, George Cokkinides, Zan Yang, Bai Cui

Resource Adequacy Assessment from the Ground Up | Benjamin Carreras, David Newman, Stephanie Lenhart, Seth Blumsack, Anna Kouts, Wenjing Su

Inclusion of Reactive Power into Ecological Robustness-Oriented Optimal Power Flow for Enhancing Power System Resilience | Hao Huang, H.Vincent Poor, Katherine Davis

Sensitivity Analysis of Machine Learning Algorithms for Outage Risk Prediction | Rashid Baembitov, Mladen Kezunovic, Daniel Saranovic, Zoran Obradovic

Distributed, Renewable, and Mobile Resources

Minitrack Chairs: Seth Blumsack, Judy Cardell

ES 8 LEHUA SUITE FRIDAY, 4:00 - 5:30

Understanding Derived Demand for Transportation to Support Electric Vehicle Recharging After Earthquake Events | Boyu Cheng, Dahui Liu, Linda Nozick

Assessing the Impacts of Power Outage on Community Overheating Risk during Extreme Heatwaves | Luis Rodriguez-Garcia, Miguel Heleno, Masood Parvania

On Communication-Assisted Line Protection for Multi-Inverter Microgrids | Jorge Cisneros Saldana, Miroslav M. Begovic

Distributed Load Dumps: An Economical and Equitable Approach for Distribution Grid Voltage Regulation | Carl Morgenstern

ES: Planning Session

Minitrack Chairs: Thomas Overbye, Lindsay Anderson

ES 9 LEHUA SUITE SATURDAY, 8:00 - 9:30

HC: Information Technology in Healthcare

Co-Chairs: William Chismar, Rochelle Rosen

Body Sensor Networks for Personalized Medicine

Minitrack Chairs: Charlotte Goldfine, Jasper Lee,
Rachel Davis-Martin

HC 1 S PACIFIC 3 THURSDAY, 2:00 - 3:30

Informing Acceptability and Feasibility of Digital Phenotyping for Personalized HIV Prevention among Marginalized Populations Presenting to the Emergency Department | Tiffany Glynn, Simran Khanna, Mohammad Adrian Hasdianda, Jeremiah Tom, Krishna Venkatasubramanian, Arlen Dumas, Conall O'Cleirigh, Charlotte Goldfine, Peter R. Chai

Real-World Implementation Challenges Associated with a Digital Pill System to Measure Adherence to HIV Pre-Exposure Prophylaxis from Two Studies of Men Who Have Sex With Men | Georgia Goodman, Chris Carnes, Hannah Albrechta, Pamela Alpert, Joanne Hokayem, Jasper Lee, Edward Boyer, Rochelle Rosen, Kenneth Mayer, Conall O'Cleirigh, Peter R. Chai

***Heart-to-Wear: Assessing the Accuracy of Heart Rate Sensor Measurements of Wearable Devices in Uncontrolled Environments** | Simon Wolf, Patrick Seidel, Tim Alvaro Ockenga, Detlef Schoder

Predicting Lower Extremity Joint Kinematics Using Multi-Modal Data in the Lab and Outdoor Environment | Md Sanzid Bin Hossain, Zhishan Guo, Ning Sui, Hwan Choi

Cybercrimes in Healthcare

Minitrack Chairs: Mohamed Abdelhamid, Pamela Howell

HC 2 S PACIFIC 4 SATURDAY, 10:00 - 11:30

Economic Incentives and Perceptions as Critical Factors for Understanding Insider Hacking Behavior | Laura Amo, Joana Gaia, David Murray, George Sanders, Sean Sanders, Raghvendra Singh, Shambhu Upadhyaya

Data Platforms and Ecosystems in Healthcare

Minitrack Chairs: Daniel Fürstenau, Katarina Braune,
Scott Thiebes, Ali Sunyaev

HC 3 SEA PEARL 3 FRIDAY, 10:00 - 11:30

Lean Study Host: Towards an Automated Pipeline for Multi-Center Study Hosting | Lukas Heine, Fabian Hörst, Enrico Nasca, Jens Siveke, Jan Egger, Moon Kim, Fin Hendrik Bahnsen, Jens Kleesiek

Data Size Matters: The Impact of Message Framing in Different Health Scenarios on the Donation of Personal Health Information | Julia Klein, Kristin Masuch, Laura Schulze, Simon Trang

Leveraging Large Language Models for Simplified Patient Summary Generation, Literature Retrieval and Medical Information Summarization: A Health CASCADE Study | Georgios Balaskas, Homer Papadopoulos, Antonis Korakis

Privacy and User Satisfaction in Digital Health Applications | Kai Schewina

Decision Support for Healthcare Processes and Services

Minitrack Chairs: Melanie Reuter-Oppermann,
Cameron Walker, Nikolaus Furian

HC 4 S PACIFIC 3 SATURDAY, 10:00 - 11:30

Why Do Acquisitions Negatively Affect Patient Outcomes at Target Hospitals: Quiet Life Hypothesis or Disruptions Caused by Acquisition Integrations? | Huseyin Tanriverdi, Xiaoxuan Yang, Yilin Wen

Boosting Multi-Professional Collaboration in Palliative Care Through Digital Technologies: A Work System Analysis | Moritz Wöhl, Henner Gimpel

Longitudinal Healthcare Analytics for Early Detection and Progression of Neurological Diseases: A Clinical Decision Support System | Gabriel Owusu, Xuan Wang, Jun Sun

Shifting Psychometric Bipolar Scales Data towards the Normal Distribution | Rene Lehmann, Bodo Vogt

*Best Paper Nomination

HC 5 S PACIFIC 3 SATURDAY, 2:00 - 3:30

Explorative Study on the Utilization of Patient Pathways in Finnish Public Healthcare | Madeleine Eklund, Märt Vesinurm, Paulus Torkki

Explainable AI in Healthcare: Factors Influencing Medical Practitioners' Trust Calibration in Collaborative Tasks | Mahdiah Darvish, Jan-Hendrik Holst, Markus Bick

Semantic-Level New Information Identification in Electronic Health Records Using Text-Mining Techniques | Ya-Han Hu, Hsiao-Ting Tseng, Chun-Feng Huang

HC 6 S PACIFIC 3 SATURDAY, 4:00 - 5:30

From Concept to Commercialization: A Double Co-Design Approach | Nalika Ulapane, Abdur Rahim Mohammad Forkan, Prem Prakash Jayaraman, Penelope Schofield, Kate Burbury, Nilmini Wickramasinghe

Optimizing Vaccine Delivery with Drones for Hard-to-Reach Regions | James Campbell, Shakiba Enayati, Bahar Kara, Meltem Peker, Haitao Li, Temi Akenroye

Capacity Balancing Algorithm for Placement of Observation Patients: Assessing the Effect on ED Crowding | Vera Tilson, Shiya Xiao, Dessislava Pachamanova, Keely Dwyer-Matzky

Towards Human-AI Interaction in Medical Emergency Call Handling | Carsten Maletzki, Christian Elsenbast, Melanie Reuter-Oppermann

Digital Innovations for the Aging Society

Minitrack Chairs: Daniel Fürstenau, Katarina Braune, Scott Thiebes, Ali Sunyaev

HC 7 KAHILI 2 THURSDAY, 8:00 - 9:30

AphaDIGITAL - Digital Speech Therapy Solution for Aphasia Patients with Automatic Feedback Provided by a Virtual Assistant | Eugenia Rykova, Mathias Walther

The Relationships between Different Forms of Gamification and User Experience: A Study in the Context of Elderly Well-being Applications | Yanping Zhang, Nannan Xi, Changyong Liang, Juho Hamari

Designing for and Assessing Learning in Digital Health Apps and Platforms: Case Study of a Comprehensive Digital Self-care Support System (CDSSS - myHESTIA) for the Aging | Priya Nambisan, Gary Kreps

Digitally-enabled Blood Testing in Healthcare

Minitrack Chairs: Weizi Vicky Li, Kendall Ho, Samantha Kanza, Hector Zenil

HC 8 SEA PEARL 3 THURSDAY, 4:00 - 5:30

Risk Factors of Readmission of COVID-19 Patients Undergoing Remote Home Monitoring in Virtual Wards: A Retrospective Analysis | Nicholas Berin Chan, Dionne Tannetta, Andrew P Walden

Early Detection of Inflammatory Arthritis to Improve Referrals Using Multimodal Machine Learning from Blood Testing, Semi-Structured and Unstructured Patient Records | Bing Wang, Weizi Li, Anthony Bradlow, Antoni T.Y. Chan, Eghosa Bazuaye

Health Behavior Change Support Systems

Minitrack Chairs: Sriram Iyengar, Amanda Blok,
Khin Than Win, Harri Oinas-Kukkonen

HC 9 SEA PEARL 3 THURSDAY, 2:00 - 3:30

Technological Factors that Influence User Compliance with Behavior Change Support Systems: A Systematic Review | Akon Ekpezu, Isaac Wiafe, Harri Oinas-Kukkonen

Leaderboards in Gamified Information Systems for Health Behavior Change: The Role of Positioning, Psychological Needs, and Gamification User Types

| Manuel Schmidt-Kraepelin, Maroua Ben Ayed, Simon Warsinsky, Shanshan Hu, Scott Thiebes, Ali Sunyaev

Behavior Change Techniques in Digital Interventions for Health Behavior Change: A Taxonomy of Popular Mobile Applications | Sophia Meywirth, Matthias Söllner

Designing Supportive Chatbots for Blood Donors

| Helena Müller, Melanie Reuter-Oppermann

HC 10 SEA PEARL 3 THURSDAY, 4:00 - 5:30

Adaptive System Architecture for Health Behavior Change: Harnessing the Power of Large Language Models | Maitry Bhavsar, Sachin Patel

Healthcare Applications for Personal Vehicles

Minitrack Chairs: Thomas Deserno, Christian Baumgartner, Michael Breitner, Andreas Rausch

HC 11 SEA PEARL 3 THURSDAY, 4:00 - 5:30

Continuous Health Monitoring on Shared Mobility Devices: A Health-eScooter Prototype | Joana Warnecke,

Christian Baumgartner, Michael H. Breitner,

Dominique F. Briechle, Thomas Deserno,

Maximilian Heumann, Martin Johns,

Alexander Picker, Andreas Rausch, Lars Wolf

IT Adoption, Diffusion, and Evaluation in Healthcare

Minitrack Chairs: Ton Spil, Arnold Kamis, Karoly Bozan

HC 12 S PACIFIC 3 FRIDAY, 10:00 - 11:30

Technology-Enabled Type-1 Diabetes Self-Management - Protection Motivation Theory Perspective

| Karoly Bozan, Gabriella Bozan

Activity Theory Analysis of the Drivers of Telemedicine: A Mixed Methods Study | Vijaya Parameswaran,

Kalle Lyytinen, David Aron, Kurt Stange

Impact of Telemedicine Technology Tools and Perceived Barriers on Satisfaction and Continued Usage Intention of Office-based Physicians | Xiang Liu,

Avijit Sengupta, Dongming Xu

HC 13 S PACIFIC 3 FRIDAY, 2:00 - 3:30

***Examining Continuance Intention to Exercise in a Virtual Reality Environment** | Akon Ekpezu,

Charles Nutropor, Isaac Wiafe, Harri Oinas-Kukkonen

Accelerating the Adoption of Artificial Intelligence Technologies in Radiology: A Comprehensive Overview on Current Obstacles | Jasmin Hennrich, Hannah Fuhrmann,

Marc-Fabian Körner, Torsten Eymann

DELEGA(T)TING Healthcare Tasks - A Qualitative Analysis of AI Delegation Factors for Healthcare Professionals | Joseph Nserat, Marvin Braun, Felix Kegel,

Lutz Kolbe

Understanding the Information Privacy Concerns of Digital Contact Tracing Application Users

| Ashkan Rostami, Mohsen Farhadloo, Rakesh Bishnoi

HC 14 S PACIFIC 3 FRIDAY, 4:00 - 5:30

Influence of Audio Speech Rate and Source Text Difficulty on Health Information Comprehension and Retention | Arif Ahmed, Gondy Leroy, Sumi Lee, Philip Harber, David Kauchak, Stephen A. Rains, Prosanta Barai

Implementation of Electronic Health Records (EHR) and Its Impact on Readmissions and Total Performance Score (TPS): An Analysis of American Hospital Association's (AHA) Data | Kourosh Dadgar, Claudia Lo

Investigation of Current Translation Challenges and Barriers to the Use of Artificial Intelligence in the German Healthcare System | Christina Erler, Sophie-Charlotte Perret, Gergely Biri, Wilhelm Stork

Competing Institutional Logics in the Health Information Exchange Field of US Healthcare Industry | Zuan Sun

Personal Health Management with Digital Solutions

Minitrack Chairs: Freimut Bodendorf,
Nilmini Wickramasinghe, Tuan Huy Ma

HC 15 SEA PEARL 3 FRIDAY, 2:00 - 3:30

A Stressful Explanation: The Dual Effect of Explainable Artificial Intelligence in Personal Health Management | Maximilian Grüning, Tobias Wolf, Manuel Trenz

***Coupling Neural Networks Between Clusters for Better Personalized Care** | Mathias Kraus, Nico Hambauer, Kristina Müller, Pavlina Kröckel, Nalika Ulapane, Arno De Caigny, Koen De Bock, Kristof Coussemment

The Impact of Digital Voice Assistants on the Everyday Life of Physically Disabled Users: Barriers, Drivers and Potential for Improvement | Anne Fota, Hanna Schramm-Klein

Harnessing Technology for Mental Well-being: An EEG Comparison of VR and Mobile-Based Mindfulness Meditation Interventions | Yeongseo Kim, Chae-eun Boo, Ayoung Suh

*Best Paper Nomination

HC 16 SEA PEARL 3 FRIDAY, 4:00 - 5:30

Uncovering the Facilitating Influence of Shared Technology Use on Working Alliance in Type-2 Diabetes Management with Indigenous Australian Patients and Healthcare Providers | Noor E Nazneen, Sultana Lubna Alam, Lemai Nguyen

Predicting Adolescent Suicide Risk From Cellphone Usage Data and Self-Report Assessments | Maya Stemmer, Shira Barzilay, Itamar Efrati, Talia Friedman, Lior Carmi, Mishael Zohar, Anat Brunstein Klomek, Alan Apter, Shai Fine

Healthy but at Home: A Taxonomy to Structure the Opaque Remote Patient Monitoring Market | Felix Kegel, Till Diesterhöft, Marvin Braun, Christoph Schierholt, Lutz Kolbe

Design of Personal Health Libraries for People Returning from Incarceration in the United States | Terika McCall, Amanda Levi, Mary Peng, Kristal Zhou, Meera Swaminath, Vignesh Harikrishnan, T Elizabeth Workman, Hadi Fooladi, Monya Saunders, Marisol Fomakoye, Meredith Campbell Britton, Sarah Teng, Qing Zeng-Treitler, Yin Ying, Emily A Wang, Lisa B Puglisi, Shira Shavit, Cynthia A Brandt, Karen H Wang

Process Mining in Healthcare

Minitrack Chairs: Niels Martin, Mathias Weske, Luise Pufahl

HC 17 CORAL 1 SATURDAY, 4:00 - 5:30

***Whetting the SWORD: Detecting Workarounds by Using Active Learning and Logistic Regression** | Wouter Van Der Waal, Inge Weerd, Saskia Haitjema, Teus Kappen, Hajo Alexander Reijers

Care Records and Healthcare Processes: Adding Context to Clinical Codes | Lara Chammas, Owen Dwyer, Emanuel Sallinger, Jim Davies, Eva Ja Morris

Process Mining Using Electronic Health Records Data - Quo Vadis? Reflections from Observing Nurses' Activities and Data Registration Behavior | Niels Martin, Isabelle Gielen, Jochen Bergs

Security and Privacy Challenges for Healthcare

Minitrack Chairs: Miloslava Plachkinova, Ace Vo, Maïke Greve, Kristin Masuch

HC 18 S PACIFIC 4 SATURDAY, 8:00 - 9:30

Custom Solutions for Diverse Needs: Laying the Foundation for Tailored SETA Programs in the Healthcare Domain | Florian Rampold, Julia Heinsohn, Florian Schütz, Julia Klein, Thomas Keller, Kristin Masuch, Julia Warwas

The 'Why' Behind the Lie: Towards a Better Understanding of Health Information Disclosure in the Patient-Provider Interaction | Autumn Clark, Mark Keith

***Evaluating a Cybersecurity Operations Center Implementation Program in a Regional Healthcare System: Challenges and Lessons Learned** | W. Alec Cram, Ian Mckillop

HC 19 S PACIFIC 4 SATURDAY, 10:00 - 11:30

How to Control User Private Data Access in Mixed Reality Platforms Using Blockchain? | Somnath Mazumdar, Abid Hussain, Raghava Rao Mukkamala

Preserving Location Privacy for Mobile Phones with Homomorphic Encryption: The False Position Protocol | Mike Teodorescu, Sam Ransbotham

Self-management of Chronic Diseases and Conditions

Minitrack Chairs: Kourosh Dadgar, Bahae Samhan, K.D. Joshi

HC 20 S PACIFIC 3 FRIDAY, 8:00 - 9:30

Telemedicine versus Clinic-based Delivery of a Psychological Intervention for Chronic Pain Management: Patient Preferences, Adherence, and Satisfaction | Leah Hecht, Ashley Dunford, Kirsti Autio, Mary Kate Miller, Erin Tobin, Brian Ahmedani, Lisa Miller-Matero

***"Let's do it together" - Designing An Aerobic Exercise Game for Long-Term Use** | Asli Tece Bayrak, Burkhard Wuensche, Stacey Reading

Conversational Agents as an Aid for Cancer Survivors' Information Search | Barikisu Issaka, Young Argyris, Pang-Ning Tan

Social Media and Healthcare Technology

Minitrack Chairs: Beth Bock, Jordan Braciszewski

HC 21 SEA PEARL 3 THURSDAY, 8:00 - 9:30

***Enhancing Audiences' Engagement with Health Education Videos: Visual Call or Textual Call?** | Jingjing Tong, Jingjun (David) Xu

Is Posting about Alcohol on Social Networking Sites Associated with Self-reported Alcohol-Induced Blackouts in a Diverse Sample of Non-College-Attending Young Adults? | Jennifer Merrill, Lily Davidson, Benjamin Riordan, Zoey Logan, Rose Marie Ward

A Preliminary Examination of Alcohol-Related Social Networking Site Consequences among Adolescents and Young Adults | Dana Litt, Melissa Lewis

Association Between Exposure to E-Cigarette Content Across 10 Social Media Sites and Youth E-Cigarette Use | Lavanya Rajeshkumar, Meghan E. Morean, Grace Kong, Krysten Bold, Suchitra Krishnan-Sarin

HC 22 SEA PEARL 3 THURSDAY, 10:00 - 11:30

Pro-Social Framing and Sentiment in U.S. Broadcast Networks' Instagram Posts about the COVID-19 Vaccine | Amy Ritchart, Rebecca Britt

Classifying Vaccine Misinformation in Online Social Media Videos Using Natural Language Processing and Machine Learning | Sarah Schmidt, Brian Thoms, Evren Eryilmaz, Jason Isaacs

Utilizing the Fediverse and AI-bots for Youth Engagement During COVID-19 in a Hybrid Preventative Intervention | Mason Cole, Kevin Gary, Matt Meier, Nancy Gonzales, Armando Pina, Ryan Stoll

Influence of Twitter on Medication Prescriptions | Sai Soundarya Gorthi, Kartik Ganju, Alain Pinsonneault

*Best Paper Nomination

Technology, Machine Learning, and Bias in Emergency Care

Minitrack Chairs: Edward Boyer,
Guruprasad Jambaulikar, Andrew Goldsmith

HC 23 S PACIFIC 3 THURSDAY, 8:00 - 9:30

Assessing the Functionality and Comfort of Chest Heart Rate Monitor Use During Acute Orthopedic Trauma Surgery | Matthew Marquardt, Angela Emerson, Morgan Orr, Joshua Hagen, Carmen Quatman

Preliminary Feasibility Study of a Simulated Overdose Antidote Delivered by an Unmanned Aerial Vehicle in an Urban Environment | Alexander Ulintz, Cole Veliky, Derek Scott, Michelle Nassal, Ashish Panchal, Henry Wang, Edward Boyer, Michael Lyons

Expert-quality Dataset Labeling via Gamified Crowdsourcing on Point-of-Care Lung Ultrasound Data | Nicole M. Duggan, Mike Jin, Erik Duhaime, Tina Kapur, Maria Alejandra Duran Mendicuti, Stephen Hallisey, Denie Bernier, Lauren Selame, Ameneh Asgari-Targhi, Chanel Fischetti, Ruben Lucassen, Anthony E. Samir

***Artificial Intelligence for End Tidal Capnography Guided Resuscitation: A Conceptual Framework** | Michelle Nassal, Nithin Sugavanam, Elisabete Aramendi, Xabier Jaureguibeitia, Andoni Elola, Ashish Panchal, Alexander Ulintz, Henry Wang, Emre Ertin

HC 24 S PACIFIC 3 THURSDAY, 10:00 - 11:30

Hospital Delirium is Associated with Lower Mean Activity Counts: Secondary Analysis of a Large Cohort Study of ICU Patients | Lauren Southerland, Jing Peng, Edward Boyer, Nathan Brummel

Head Motion Analysis is an Objective Measure of Point-of-Care Ultrasound Image Acquisition Competency | Carrie Walsh, Nicole M. Duggan, Roger Dias, Andrew Goldsmith, Mahdi Ebnali, Madeline Schwid, Chanel Fischetti, Lachlan Driver, Joseph Stegeman, Denie Bernier, Lauren Selame, Phillip Plevak

Machine Learning Models for Point-of-care Ultrasound Education and Training: National Cost Savings and Expert Time Reduction | Lachlan Driver, Nicole M. Duggan, Chares Brower, Mahdi Ebnali, Da'Marcus Baymon, Alexei Wagner, Roger Dias, Anthony E. Samir, Tina Kapur, Andrew J. Goldsmith, Christopher W. Baugh

SJ: Information Technology, Social Justice, and Marginalized Contexts

Co-Chairs: K.D. Joshi, Xuefei Nancy Deng

Artificial Intelligence and Digital Discrimination

Minitrack Chairs: Sara Moussawi,
Xuefei Deng, Jason Kuruzovich

SJ 1 NAUTILUS 1 SATURDAY, 2:00 - 3:30

***An Implementable Guideline for Developing Ethical AI Systems: The Evaluation of Child Abuse and Neglect Prediction** | Yuzhang Han, Aviv Landau, Paritosh Kulkarni, Minoo Modaresnezhad, Hamid Nemati

Public Perceptions, Critical Awareness and Community Discourse on AI Ethics: Evidence from an Online Discussion Forum | Subhasree Sengupta, Swapnil Srivastava, Nathan Mcneese

What Is Ethical AI? - Design Guidelines and Principles in the Light of Different Regions, Countries, and Cultures | Sarah Lier, Jana Gerlach, Michael H. Breitner

Does AI Disclosure in Discriminatory Pricing Backfire? The Moderating Role of Price Sensitivity and Explanation of Price Differences | Xiao Peng, Xixian Peng, Jingjun (David) Xu

SJ 2 NAUTILUS 1 SATURDAY, 4:00 - 5:30

Does a Fair Model Produce Fair Explanations? Relating Distributive and Procedural Fairness | Yiwei Yang, Bill Howe

Contextualizing the Accuracy-Fairness Tradeoff in Algorithmic Prediction Outcomes | Kofi Arhin, Daniel Treku

AI Literacy in Adult Education - A Literature Review | Anna Wolters, Arnold F. Arz Von Straussenburg, Dennis M. Riehle

Harnessing Large Language Models for Effective and Efficient Hate Speech Detection | Arina Svetasheva, Keeheon Lee

Changing Nature of Work: Inclusive Labor Markets and Work Practices
Minitrack Chairs: Joseph Taylor,
Lauri Wessel, Jan-Hendrik Passoth

SJ 3 NAUTILUS 1 FRIDAY, 2:00 - 3:30

Does ChatGPT Alter Job Seekers' Identity? An Experimental Study | Petar Despotovic, Yevgen Bogodistov

***Unveiling Technorelief: Enhancing Neurodiverse Collaboration with Digital Capabilities** | Maylis Saigot
Decolonizing Technology and Society
Minitrack Chairs: Hameed Chughtai,
Sherae Daniel, Ann Majchrzak

SJ 4 NAUTILUS 1 FRIDAY, 2:00 - 3:30

***Grassroots: Developing a Location-Based Game through a Decolonial Lens** | Mariá Scardua, John Fennimore

Decolonizing Information Technology Design: A Framework for Integrating Indigenous Knowledge in Design Science Research | Alexander Chung, Kevin Shedlock, Jacqueline Corbett

Diversity, Equity and Inclusion in Technology and Organizations
Minitrack Chairs: Ester Gonzalez,
Sam Zaza, Angsana Techatassanasoontorn

SJ 5 S PACIFIC 4 SATURDAY, 4:00 - 5:30

Unraveling the Dilemma of Stigma Disclosure: The Implications of Social Media and Stigma Discovery on Hiring | Youngjin Kwon, Jason Bennet Thatcher, Philip Roth, Dan Pienta

Virtual Work and the Inclusion of Linguistic Minorities: A Double-Edged Sword | Hilla Back, Philipp Back

IT Ambidexterity, Board Diversity, and Firm Performance: A Configurational Approach | Yen-Yao Wang, Eunju Jung, One-Ki Daniel Lee

From Digital Divide to Digital Equity and Inclusion: ICT Access, Adoption, and Use among Vulnerable Populations
Minitrack Chairs: Israr Qureshi,
Carmen Leong, Arlene Bailey

SJ 6 NAUTILUS 1 THURSDAY, 10:00 - 11:30

Digital Divide in Rural Native American Homes: A Student Perspective | Chad Fenner, Cherie Noteboom, Omar El-Gayar

The Information Billboard: Effects of Popular Search Terms on Search Behaviors and Digital Divide | Yunha Park, Jihye Kim, Kyu-Min Lee, Wonseok Oh

Getting off the Digital Divide? Not so Fast! Exploring the Viability of Digital-divide-based Crowdfunding Models | Bright Frimpong, Daniel Treku

Design Requirements for Inclusive Assistive Technologies: Facilitating Communication Between the Deaf and the Hearing | Michael Koddebusch, Jingxian He, Jonas Alfred Hinrichs, Jörg Becker

SJ 7 NAUTILUS 1 THURSDAY, 2:00 - 3:30

Digital Inclusion of Senior Citizens: A Practice Theory Approach | Calvin Chan, Chong Guan

***The Ripple of Technology: A Literature Review on Examining the Impact of ICT on Tibetan Refugees Through the Lens of Modernity and Postmodernism**
| Wenwen Ding

Can Stablecoins Actually Improve Financial Inclusion: Exploring the IT Affordances of Token-Based Digital Currencies | Henry Kim

"A" for Access: The Effects of Pandemic Technology Maintenance Issues on College Students' Grades, Stress, and Coping | Gwen Petro, Amy Gonzales, Luiza Velloso

Gender and Technology

Minitrack Chairs: K.D. Joshi, Regina Connolly, Ita Richardson, Mina Jafarijoo

SJ 8 NAUTILUS 1 FRIDAY, 4:00 - 5:30

Just Being a Bit Bitchy: The Gendered Valences of Online Anti-Social Behavior on Tattle Life
| Victoria O'Meara, Jaigris Hodson, Jenna Jacobson, Anatoliy Gruzd

***The Critical Role of Race-related Stress and Racial Activism on STEM Graduate Students' Career Aspirations: An Intersectional Perspective**
| Thema Monroe-White, Ebony Mcgee

Intersectionality Matters in Understanding the Effects of Gender Role Congruity, Individual Identity, & and IT Self-Efficacy on IT Career Choices
| K.D. Joshi, Eileen Trauth, Lynette Yarger

Effective Supports for Women Computer Science Academics: Practice Based Insights in an Irish Context
| Regina Connolly, Ita Richardson, Cliona Mcparland

ICT and Social and Criminal Justice

Minitrack Chairs: Cathy Urquhart, Indira Guzman, Angela D. R. Smith, Yingqin Zheng

SJ 9 NAUTILUS 1 FRIDAY, 10:00 - 11:30

Furtherance of Social Justice in Socially Disadvantaged Neighborhoods on Social Media: A Case Study of the Swedish Police
| Nataliya Berbyuk Lindström, Harnid Khobzi, Ofir Turel

***Cleaning our Plates: Information Systems Contributions Toward Animal Liberation** | Julia Stachofsky

Towards Social Justice in Energy Transitions: An Information Systems Perspective | Martin Brennecke, Dominik Jurek, Alexander Rieger, Tamara Roth

Bending the Arc of the Moral Universe: Leveraging Data for Accountable Justice for Transition Age Youth
| Rajiv Kohli, Monica Tremblay, Erin Espinosa

Illicit Activity and Criminal Justice

Minitrack Chairs: Stacie Petter, Gisela Bichler, Michael Fullilove, Laurie Giddens

SJ 10 S PACIFIC 3 SATURDAY, 8:00 - 9:30

Analyzing the Effectiveness of Chatbots vs. Webforms for Suspicious Activity Reporting | Joel Elson, Ryan Schuetzler, John Pintar, Erin Kearns, Callie Vitro

**STEM Education and Workforce Development:
Addressing Equity and Inclusion
for Underserved Populations**

Minitrack Chairs: Curtis Cain, Asli Yagmur Akbulut,
Benyawarath Yaa Nithithanatchinnapat

SJ 11 NAUTILUS 1 THURSDAY, 8:00 - 9:30

**A Case Study of Integrating the Train-the-Trainer
and Experiential Learning Models in Computer Skills
Training** | Xuefei Deng, Sheng Yi

**The State of Cybersecurity Programs in High Schools:
A Case Study Analysis of Their Development,
Sustainment, and Inclusiveness** | Tania Williams,
Jenny Daugherty

**Introducing Women to Data Science: Investigating the
Gender Gap in a Learning Initiative on Kaggle**
| Marlon Twyman, Ann Majchrzak

***How Can Chatbots Improve the Gender Gap in
Information Systems?** | Rebecca Berthelsen,
Cherileigh Chandler, Lauren Dean, Mark Keith,
Ryan Schuetzler, Degan Kettles, Greg Anderson

**The Bright and Dark Side of Social Media
in the Marginalized Contexts**

Minitrack Chairs: Tom Mattson, Jie Ren, Qin Weng

SJ 12 S PACIFIC 3 SATURDAY, 8:00 - 9:30

***Digital Activism on Social Media: The Role of Brand
Ambassadors and Corporate Reputation Management**
| Julian Marx, Felix Brunker, Milad Mirbabaie, Stefan Stieglitz

**Towards Resource Inequities in Catching the "Dark
Side" of Social Media: A Hateful Meme Classification
Framework for Low-Resource Scenarios** | Yuming Li,
Johnny Chan, Gabrielle Peko, David Sundaram

**Curse or Cure: Exploring Responses to Mental Health
Related Posts in Reddit and ChatGPT Using Terror
Management Theory** | Tom Mattson, Qin Weng, Jie Ren

IN: Internet and the Digital Economy

Co-Chairs: Alan Dennis, Joseph Valacich

**Actors, Agents, and Avatars: Visualizing Digital
Humans in E-Commerce and Social Media**

Minitrack Chairs: Mike Seymour,
Lingyao Ivy Yuan, Kai Riemer

IN 1 SEA PEARL 3 FRIDAY, 8:00 - 9:30

**Can We Trust an AI Agent? Interaction Effects of Its
Machine Learning Performance and Digital Character**
| Tae Jin Kim, One-Ki Daniel Lee, Juyoung Kang

**Using Chatbots and Digital Humans to Collect Online
Reviews** | Warren Rosengren, Agrim Sachdeva,
Antino Kim, Alan Dennis

**Who Sells Better? Digital Human Presenter Versus
Cartoon AI Presenter in E-commerce Live-Streaming**
| Hanzhuo Ma, Wei Huang, Alan Dennis

Artificial Intelligence-based Assistants and Platforms

Minitrack Chairs: Rainer Schmidt,
Rainer Alt, Alfred Zimmermann

IN 2 S PACIFIC 1 SATURDAY, 2:00 - 3:30

***User Preferences for Interaction Modalities: The
Influence of Task, Context, and User Characteristics
when Interacting with Conversational Agents**
| Lara Riefle, Carina Benz

**When and How to Implement Choices on Customer
Service Chatbots** | Elizabeth Han, Dezhi Yin, Han Zhang

**Creative Assistants with Style: Making Sense of
Generative AI as "Style Engines"** | Sandra Peter, Kai Riemer

IN 3 S PACIFIC 1 SATURDAY, 4:00 - 5:30

Higher-Order Externalities in Multi-Platform Ecosystems | Rainer Schmidt, Rainer Alt, Alfred Zimmermann

Use or Not: A Qualitative Study on the User Adoption and Abandonment of Voice Shopping with Smart Speakers | Jiahe Lan, Yu Chen, Zheng Yan

Value Added Conversational AI and Digital Health: An Ontology-Driven Approach | Abid Fareedi, Ahmad Ghazawneh, Magnus Bergquist

Adopting Generative AI for Literature Reviews: An Epistemological Perspective | Guido Schryen, Mauricio Marrone, Jiaqi Yang

Crowd-based Platforms

Minitrack Chairs: Ni Nina Huang, Bin Gu, Pei-yu Sharon Chen

IN 4 CORAL 5 FRIDAY, 8:00 - 9:30

The Market of Programming Skills: Market Tightness and Pay Equity | Zhenhua Wu, Lin Hu, Kun Li, Bin Gu

Generative AI or Real Users? Investigating the Relative Impact of Generative AI vs. Humans on Online Review Quality | Guohou Shan, Shizhen Jia

Crowdfunding Herding During the Post-goal Stage | Shuya Lu, Shih-Lun "Allen" Tseng, Jianan Wu, Yinglu Wu, Fengxia Zhu

Unleashing the Power of Visual Storytelling: Leveraging Cover Photo Narrativity to Attract Backers in Online Crowdfunding Platforms | Xiaochen Liu, Yu Jin, Ziru Li, Yulin Fang, Qiang Ye

IN 5 CORAL 5 FRIDAY, 10:00 - 11:30

Social Movements against Racial Discrimination and Minority Entrepreneurship in Crowdfunding | Shiqin Chen, Lin Hu, Xueyan Yin, Kun Li, Yulin Fang

Do Masks Protect Children? Evidence from Florida's Mask Mandate Ban Using Large-Scale School Transmission Data | Qili Wang, Xinzhi Rao, Alice Li, Liangfei Qiu

Tech Giants and New Entry Threats | Yang Pan, Weiling Song

IN 6 CORAL 5 FRIDAY, 2:00 - 3:30

Bridge or Barrier? Digital Distance and Its Effects on Peer-to-Peer Lending | Amin Sabzehzar, Yingxin Zhou, Jingbo Hou

The Power of Collective Insight: Harnessing the Wisdom of the Crowd for Digital Auction Success | Anton Ivanov, Zhasmina Tacheva, Ujjal Mukherjee

How Should We Deal with Malicious Customers' Threats in Online Review? Perspectives of Retailers, Customers, and Platforms | Hemant Bhargava, Junghee Lee, Xinxue Qu, Daewon Sun

***What Doesn't Kill You Makes You Stronger? Evidence from Vampire Attack on Decentralized Exchange** | Xi Zhao, Jian Li, Xiang (Shawn) Wan, Xinyu Zang, Hsing Cheng

IN 7 CORAL 5 FRIDAY, 4:00 - 5:30

Two-sided Long Tails on Blockchain-Based Crowdsourcing Platforms | Bingyi Wu, Charles Zhechao Liu, Kim-Kwang Raymond Choo, Hongyi Zhu, Shen Chang

Optimal Content-Sharing Strategy for Online Streaming Platforms | Eunsol Yoo, Kihoon Kim

Comparing Social Media Communities Using Functional Data Analysis | Xiaoxia Champon, Chathura Jayalath, William Rand, Jasser Jasser, Ivan Garibay

*Best Paper Nomination

Crowdsourcing and Digital Workforce in the Gig Economy

Minitrack Chairs: Joseph Taylor,
Sara Moussawi, Timothy Olsen

IN 8 S PACIFIC 4 THURSDAY, 8:00 - 9:30

A Different Kind of Sharing Economy: A Taxonomy of Platform Cooperatives | Jiang Zhu, Olivera Marjanovic

Bad Client Feedback on Digital Labor Platforms: How Freelancers Navigate the Peril Posed by Negative Reviews on Upwork | Lisa Gussek, Jason Bernet Thatcher, Manuel Wiesche

***Fair Dealings with Algorithms? Analyzing the Perceived Procedural Fairness of Managerial Algorithms and their Impacts on Gig-Workers** | Nura Jabagi, Anne-Marie Croteau, Luc Audebrand, Josianne Marsan

Cybercrime

Minitrack Chairs: Piotr Siuda, J. Tuomas Harviainen,
Robert Gehl, Juho Hamari

IN 9 S PACIFIC 4 SATURDAY, 2:00 - 3:30

Conceal or Communicate? Organizational Notifications to Stakeholders Following Ransomware Attacks | W. Alec Cram, Albert Chan, Jonathan Yuan, Dennis Joo

Understanding Leadership Competencies in Cyber Crisis Management: Insights from the Maersk Global Supply Chain Meltdown | Nico Abbatemarco, Gianluca Salviotti, Chiara D'Ignazio, Leonardo Maria De Rossi

***The Effects of Dark Triad Traits and Perceived Law Enforcement Competence in Responding to Ransomware Attacks** | Truong (Jack) Luu, Michael Jones, Binny Samuel

Designing Data Ecosystems:
Value, Impacts, and Fundamentals

Minitrack Chairs: Gero Strobel, Frederik Möller,
Thorsten Schoormann, Boris Otto

IN 10 SEA PEARL 2 FRIDAY, 10:00 - 11:30

What Does it Take to Connect? Unveiling Characteristics of Data Space Connectors | Anna Gieß, Marius Hupperz, Thorsten Schoormann, Frederik Möller

Identification of Key Requirements for the Application of Data Sovereignty in the Context of Data Exchange | Steffen Biehs, Jonas Stilling

FinDEX: A Synthetic Data Sharing Platform for Financial Fraud Detection | Fabian Karst, Mahei Li, Jan Marco Leimeister

IN 11 SEA PEARL 2 FRIDAY, 2:00 - 3:30

***Groping in the Dark? Exploring Customer Perception of Hidden Actions in Smart Service Ecosystems through the Lens of Agency Theory** | Ronja Schwinghammer

Towards Efficient Information Sharing in Network Markets | Bertin Martens, Geoffrey Parker, Georgios Petropoulos, Marshall Van Alstyne

Exploring Data Monetization in Established Organizations: A Dynamic Capability Approach | Fatemeh Mirbagheri, Hadi Ghanbari, Matti Rossi

Digital Innovation for a Sustainable Economy

Minitrack Chairs: Timo Böttcher, Andreas Hein,
Maximilian Schreieck, Helmut Krcmar

IN 12 S PACIFIC 3 THURSDAY, 4:00 - 5:30

Towards Sustainability of AI: A Systematic Review of Exisiting Life Cycle Assessment Approaches and Key Environmental Impact Parameters of Artificial Intelligence | Dusan Dokic, Florian Groen In't Woud, Wolfgang Maass

***Meta-requirements for the Design of a Blockchain Multi-sided Platform for Sustainability and Circular Economy** | Hanna Buyssens, Stijn Viaene

**Economic and Societal Impacts
of Technology, Data, and Algorithms**

Minitrack Chairs: Zhongju John Zhang, Yong Ge

IN 13 SEA PEARL 2 FRIDAY, 8:00 - 9:30

Bring Me a Good One: Seeking High-potential Startups Using Heterogeneous Venture Information Networks | Shengming Zhang, Hao Zhong, Yong Ge, Hui Xiong

AlphaVC: A Reinforcement Learning-based Venture Capital Investment Strategy | Hao Zhong, Zixuan Yuan, Denghui Zhang, Yi Jiang, Shengming Zhang, Hui Xiong

GPT in the Loop: Evidence from the Field. | Cathy Yang, Leo Allen, David Restrepo-Amariles, Aurore Troussel

***How Machine-Generated Ratings and Social Exposure Affect Human Reviewers: Evidence from Initial Coin Offerings** | Yingxin Zhou, Keongtae Kim, Ling Xue

Electronic Marketing

Minitrack Chairs: Hope Jensen Schau, Melissa Akaka

IN 14 CORAL 5 SATURDAY, 8:00 - 9:30

Riding the Referral Express: Examining the Impact of Referral Reward Programs on Digital Transportation Platforms | Felix Urban, Ferdinand Thies

How Green Consumption Values Affect the Intention-Behavior Relationship in C2C e-commerce | Maria Ovaska, Heli Hallikainen, Tommi Laukkanen

The Value of Reputation Systems in Business Contexts - A Qualitative Study Taking the View of Buyers | Simon Hemmrich, Jannika Schäfer, Philipp Hansmeier, Daniel Beverungen

Rundle in the Jungle! Why Do People Subscribe to Amazon Prime? Analyzing the Combination of Flat Rate and Bundle Pricing within a Loyalty Program | Christian Straubert, Eric Sucky, Delia Altewischer

*Best Paper Nomination

IN 15 CORAL 5 SATURDAY, 10:00 - 11:30

Platform Pricing in the Presence of Cross-platform Network Effects | Zhe(Betty) Ji, Ruhai Wu

Understanding the Impact of Emotional Comments and Image on Resistance Intention and Participation: A Study of Taiwanese Consumers' Buying | Chih-Chin Liang, Wenlung Shiau

Consumer Trust Building on CBEC Platforms: The Perspective of Product Authenticity Assurance Mechanisms | Wei Wu, Sihang Wang, Juan Wang

Striking a Balance: Harnessing Both the Business and Informational Value of Online Reviews through Resource-matching | Yicheng Zhang, Tian Lu, Yingjie Zhang, Jiayan Han, Chenghong Zhang

Esports

Minitrack Chairs: Piotr Siuda, Maciej Behnke, David Hedlund

IN 16 HIBISCUS 1 THURSDAY, 2:00 - 3:30

***Duty of Care in Esports: Organizational Support for Esports Players' Mental Wellbeing and Physical Health** | Hee Jung Hong

A Hybrid SEM-fsQCA Approach to Examine Spectators' Toxic Behavior in Professional Team Esports | Yizhou Qian, Bo Yu, Chad Seifried, Mike Martinez, Robbie Matz, Lei Luo

Where do Amateurs Go to Become Pros? A Comparison of the Current Competition Systems in Collegiate Esports to Traditional Collegiate Sport Environments | Wil Fisackerly, Yongjin Hwang

IN 17 HIBISCUS 1 THURSDAY, 4:00 - 5:30

User Experience of Virtual Reality-Based Digital Sports: A Topic Modeling Approach | Hong Chen, Hongxiu Li

Affect and Performance across Double-Elimination Tournaments: A Field Study of Super Smash Bros Competitors | Kyle Nolla, Mark Beeman, Paul Reber

Federated Industrial Platform Ecosystems: Technologies, Business Models, and Data-Driven Artifacts

Minitrack Chairs: Hendrik van der Valk,
Estelle Duparc, Nick Große, Tan Gürpınar

IN 18 CORAL 5 THURSDAY, 8:00 - 9:30

***The Interplay of Data-Driven Organizations and Data Spaces: Unlocking Capabilities for Transforming Organizations in the Era of Data Spaces**

| Marius Hupperz, Anna Gieß

The Adoption of Data Spaces: Drivers toward Federated Data Sharing

| Andreas Hutterer, Barbara Krumay

Openness Indicators for the Evaluation of Digital Platforms between the Launch and Maturity Phase

| Marcel Rojahn, Norbert Gronau

Design Principles for Quality Scoring-Coping with Information Asymmetry of Data Products

| Tobias Moritz Guggenberger, Marcel Altendeitering,
Chris Schlueter Langdon

IN 19 CORAL 5 THURSDAY, 10:00 - 11:30

Integrating Blockchain Technology in Supply Chain Management - A Process Model with Evidence from Current Implementation Projects

| Tan Gürpınar,
Michael Henke, Riad Ashraf

Exploring Generative Artificial Intelligence: A Taxonomy and Types

| Gero Strobel, Leonardo Banh,
Frederik Möller, Thorsten Schoormann

FinTech: Disruption in Financial Services

Minitrack Chairs: Jahyun Goo,
C. Derrick Huang, Ravi Behara, Chul Woo Yoo

IN 20 S PACIFIC 2 FRIDAY, 8:00 - 9:30

In Decentralized Finance Nobody Knows You Are a Dog

| Vincent Gramlich, Tobias Guggenberger, Marc Principato,
Benjamin Schellinger, Sebastian Duda, Jens Stoetzer

Towards Secure Cloud-Computing in FinTechs - An Artefact for Prioritizing Information Security Measures

| Daniel Leuthe, Florian Weiß, Julian Dersch,
Michael Bitzer

Understanding Users' Perspectives on Mobile Payment Continuance Use after Fraud Exposure in a Developing Economy

| Muftawu Dzang Alhassan, Mias De Klerk

***Estimating Crypto-Related Risk: Market-Based Evidence from FTX's Failure and Its Contagion on U.S. Banks**

| Lukas Mueller, Sebastian Stoeckl,
Johanna Mueller, Dirk Schiereck

Hospitality and Tourism in a Global Digital Economy - New Models, Services, and Performance

Minitrack Chairs: Karin Högberg,
Elin Wihlborg, Ulrike Gretzel

IN 21 ILLIMA BOARDROOM THURSDAY, 4:00 - 5:30

From Hospitality to Hostility: The Impact of Polarity Difference in Managerial Responses on Subsequent Guest Satisfaction

| Sai Liang, Danmeng Wu, Ziru Li,
Ziqi Guo, Feng Ju

How to Achieve Incumbents Thrive in Platform-Based Ecosystem in the Hotel Context: The Role of Digital Complementarity

| Yuanzhi Nan, Jun Luo, Martin J. Liu,
Dandan Ye

What Influences Behavioral Loyalty on Airbnb? Analyzing the Factors Affecting Repurchase of Listings

| Xiaoting Xie, Xiabing Zheng, Xiaobei Shen

Human-centricity in a Sustainable Digital Economy

Minitrack Chairs: Soheil Human,
Gustaf Neumann, Rainer Alt

IN 22 ILLIMA BOARDROOM FRIDAY, 2:00 - 3:30

I Trust You Dr. Researcher, but not the Company that Handles My Data -Trust in the Data Economy

| Rebekah Rousi, Joni-Roy Piispanen, Jani Boutellier

Promoting Sustainable Consumer Behavior in E-commerce: An Empirical Study on the Influence of Gamification on Consumers' Return Motivation
| Caterina Rauh, Christian Straubert, Eric Sucky

Human-Computer Interaction in the Digital Economy

Minitrack Chairs: Christoph Schneider,
Joe Valacich, Jeffrey Jenkins

IN 23 SEA PEARL 1 FRIDAY, 2:00 - 3:30

Understanding Internet Self-Efficacy in a Post-Adoption World: A Meta-Analysis | Richard Johnson,
Jennifer Pullin, Jason Bennet Thatcher

Learn to Play: From Knowledge to Repeated Gameplay
| Gen-Yih Liao, Tzu-Ling Huang, Hsin-Yi Huang,
Alan Dennis, Yu-Ting Huang, Ching-I Teng

***Detecting Social Desirability Bias with Human-Computer Interaction: A Mouse-Tracking Study**
| Paul Weisgarber, Joseph Valacich, Jeffrey Jenkins,
David Kim, Manasvi Kumar

Effects of Mindfulness and Emotion Regulation on Aesthetics: A Theoretical Model from Hedonic Perspective of Processing Fluency | Geng-Bao Lin,
Fiona Fui-Hoon Nah, Choon Ling Sia

IN 24 SEA PEARL 1 FRIDAY, 4:00 - 5:30

The Role of Digital Manipulation in Achieving Optimal Distinctiveness for Radical Innovations: A Designer Perspective | Yasser Rahrovani,
Robert D Austin, Haoyue Gu

Designing Mika - A Participation Companion for Supporting Participation and Enhancing Motivation
| Varinia Wittholz, Paul Keller, Timo Strohmann,
Susanne Robra-Bissantz

Innovative Behavioral IS Security and Privacy Research

Minitrack Chairs: Merrill Warkentin, Allen Johnston,
Anthony Vance, Karen Renaud

IN 25 S PACIFIC 4 THURSDAY, 10:00 - 11:30

***Leveraging Situational Judgment Tests to Measure Behavioral Information Security** | Samantha Phillips,
Sal Aurigemma, Bradley Brummel, Tyler Moore

Stage Theorizing in Behavioral Information Systems Security Research | Mikko Siponen

Re-thinking Decision-Making in Cybersecurity: Leveraging Cognitive Heuristics in Situations of Uncertainty | Thierry Schaltegger, Benjamin Ambuehl,
Kurt Alexander Ackermann, Nico Ebert

IN 26 S PACIFIC 4 THURSDAY, 2:00 - 3:30

Holistic or Analytic: Does it Matter How Intention to Disclose Information is Measured?
| Caroline Lancelot Miltgen, Robert Crossler, Zonayed Mahid

Exploring Data-Disclosure Vulnerabilities and Phishing Assessed by the Cognitive Reflection Test
| Ingvar Tjostheim

Gauging the Unemployed's Perceptions of Online Consent Forms | Paul Van Schaik, Karen Renaud

IN 27 S PACIFIC 4 THURSDAY, 4:00 - 5:30

The Paradox of Choice: Digital Akrasia in the Deployment of Multi-Factor Authentication
| Xinhui Zhan, Alexandra Durcikova, Dennis Galletta

Same or Not the Same? Comparison Between Employees Prone to Overplacement, Overestimation, and Overprecision in Information Security
| Muriel Frank, Mara Wacker, Lukas Manuel Ranft

The Application of Rhetorical Theory in Designing Effective Information Security Messages for Different Leadership Styles | Sumin Kim, Minsek Ko, Chinju Paul

*Best Paper Nomination

Making Digital Transformation Real

Minitrack Chairs: Elaine Mosconi,
Abayomi Baiyere, Lauri Wessel

IN 28 S PACIFIC 2 SATURDAY, 8:00 - 9:30

The Role of Organizational Structure in Digital Transformation Outcomes | Davor Sabljic

Travelling the Digital Journey: A Literature Review and Framework for Change Management Actions and Tools in Digital Transformation | Isabel Fischer, Moritz Gimnich, Marcel Papert, Thomas Goertler

Developing a Process Model for Digital Transformation - Insights from a Multiple Cross-industry Case Study | Isabel Fischer, Thomas Goertler, Johanna Rennett

Winning in B2B Sales in the Digital Economy: A Systematic Literature Review and the Dynamic Capabilities Approach | Titta Pitman, Jonna Koponen, Anssi Tarkiainen

IN 29 S PACIFIC 2 SATURDAY, 10:00 - 11:30

***Unpacking Digital Transformation Tensions through Workers' Perceptions: A Technological Frame and Paradox Theory Approach** | Altus Viljoen, Leonard Przybilla, Andreas Hein, Anna Keilbach, Helmut Krcmar

Digital Transformation of a Manufacturing Company in Light of the Digital Innovation Theory | Jukka Salonen, Nils O. Fonstad

Leading Teams in Today's Dynamic Organizations: The Core Characteristics of Agile Leadership | Kristin Geffers, Ulrich Bretschneider, Karen Eilers, Sarah Oeste-Reiß

Social Commerce: The Good, the Bad, and the Ugly

Minitrack Chairs: Gabrielle Peko, Valeria Sadovykh,
David Sundaram, Ghazwan Hassna

IN 30 HIBISCUS 1 SATURDAY, 2:00 - 3:30

Turning Social Capital into Economic Capital: the

Sales Effect of Friendship Group Participation in Social Commerce Websites | Doudou Wang, Xiang Gong, Xiaoxiao Liu, Zhenxin Xiao, Yueyue Li, Cheng Chen

***How Conversational Agents Influence Purchase Decisions of Online Fashion Shoppers toward Sustainable Consumption: Exploring Nudges for Green Decision-Making** | Katharina Stolz, Teresa Hammerschmidt, Oliver Posegga

The Dark and Bright Sides of the Metaverse

Minitrack Chairs: Ersin Dincelli,
Alper Yayla, Merrill Warkentin

IN 31 SEA PEARL 2 THURSDAY, 8:00 - 9:30

Unmasking Inequality in the Metaverse: A Study of Skin-Tone Bias in the CryptoPunks Market | Sungeun Han, Zhan Shi

Unveiling Stakeholder Perspectives on Privacy in the Metaverse: Case Study of a German Car Company | Julia Schulmeyer, Sophie Riethmüller, Thomas Hess

***From Avatars to Allies: Exploring Team Collaboration in the Metaverse** | Christian Olt, Patrick Hendriks, Timo Sturm, Clara C. Moos

The Role of Head-Mounted Display (HMD)-Based Meta-Apps in Advancing Healthcare | Ersin Dincelli, Naser Shekarian, Xin Zhou, Mustafa Ozkaynak

The Diffusion, Impacts, Adoption and Usage of ICTs upon Society

Minitrack Chairs: Jyoti Choudrie,
Sherah Kurnia, David Sundaram

IN 32 KAHILI 2 SATURDAY, 4:00 - 5:30

A Qualitative Inquiry into the Adoption of ChatGPT in the Early Stage | Yaojie Li, Yu Zhao, Dong-Jun Min, Dinah Payne

How Did COVID Impact User Perceptions and Web Services Adoption? An Empirical Study Across Multiple Web Services. | Parag Uma Kosalge

*Best Paper Nomination

Investigation of Key Barriers Regarding Adoption and Implementation of Augmented Reality in Industrial Organizations - A Delphi Study | Björn Konopka, Kay Hönemann, Manuel Wiesche

The Digital Supply Chain of the Future: Applications, Implications, Business Models

Minitrack Chairs: Alexander Pflaum, Günter Prockl, Freimut Bodendorf, Haozhe Chen

IN 33

CORAL 2

FRIDAY, 8:00 - 9:30

Towards the Data-Driven Circular and Embedded Supply Chain: Considerations from an ICT Perspective | Marcel Papert, Andreas Hamper, Nadja Hoßbach-Zimmermann, Tassilo Schuster, Lydia Buehler, Alexander Pflaum

I Can See Clearly Now: A Bibliometric Exploration of Digital Platforms in Supply Chain Management | Thomas Goertler, Marcel Papert, Isabel Fischer, Daniel Reich, Nico Werner

Analyzing and Extending Research Phenomena in Supply Chain Management to Advance Scientific Impact - An Extensive Bibliometric Analysis | Isabel Fischer, Marcel Papert

Data for Sustainable Development in Logistics and Supply Chains - A Systematic Literature Review | Rajae Guennoun, Stephanie Winkelmann, Frederik Möller

The Internet of Everywhere (IoE): Places, People, and Things

Minitrack Chairs: Jan Kietzmann, Jeremy de Beer, Hope Jensen Schau

IN 34

CORAL 5

SATURDAY, 4:00 - 5:30

Demand Prediction by Incorporating Internet-of-Things Data: A Case of Automobile Repair and Maintenance Service | Jieyi Zhang, Cenying Yang, Yihao Feng

Biometric Affordances and Ethical Dilemmas: Considerations for a Better Workplace | Jayson Killoran, Jasmin Manseau
*Best Paper Nomination

The Societal and Economic Dynamics of the Metaverse, Smart Contracts, and Non-Fungible Tokens
Minitrack Chairs: Kevin Craig, Valeria Sadovykh, David Sundaram, Gabrielle Peko

Metaverse, ubi es? A Transaction Cost-Based Analysis of the State of the Art of Smart Contracts in the Metaverse | Wieland Müller, Shahper Richter, Michael Leyrer, Alexander Richter

IN 35

SEA PEARL 2

THURSDAY, 10:00 - 11:30

Heavy-tailed DecentraPunks - Exploring the Structure of NFT Sales Networks | Nargess Tahmasbi, Alexander Fuchsberger

Web3 Technologies for Digital Innovation and Transformation

Minitrack Chairs: Robert Gregory, Ola Henfridsson, Youngjin Yoo

IN 36

SEA PEARL 3

SATURDAY, 08:00 - 9:30

***Sustaining the Crypto Commons: A Configurational Systems Perspective on Blockchain and Cryptocurrency Governance** | Raffaele Ciriello, Vitali Mindel, Lars Mathiassen

Elevating Business Models to the Ecosystem Level: Evidence from Web3 and Beyond | Annika Bengts, Ville Eloranta, Esko Hakanen, Taija Turunen, Valeska Tullney

Sustainable Disruption of Organizational Knowledge: A Case Study on Changing Epistemic Stances in Digital Transformation | Wenshuo Wang, Jochem Hummel, Joe Nandhakumar

IN 37 SEA PEARL 3 SATURDAY, 10:00 - 11:30

Assessing Data Layouts to Bring Storage Engine Functionality to Blockchain Technology
| Dennis Przytarski, Christoph Stach, Bernhard Mitschang

User Welfare in Cryptocurrency Transaction Markets: An Empirical Study on EIP-1559 | Peilin Ai, Zhichao Wu, Guangzhi Shang, Xi Zhao

sigBridge: A Cross-chain Bridge for Permissioned Blockchains and its Application to Secentralized Access Control | Mahmudun Nabi, Sepideh Avizheh, Preston Haffey, Reihaneh Safavi-Naini, Marc Kneppers

KS: Knowledge Innovation and Entrepreneurial Systems
Co-Chairs: Murray Jennex, David Croasdell

Computing Education

Minitrack Chairs: Wilk Oliveira, Pasqueline Dantas

KS 1 NAUTILUS 2 FRIDAY, 10:00 - 11:30

A Framework of Contextualized Social Regulation Strategies in Introductory Programming
| Deller Ferreira, Dirson Campos, Anderson Gonçalves

Unveiling Resilience: Exploring Key Components of Resilience among Undergraduate Computer Science Students in Introductory Programming Courses
| Udayangi Perera Muthupoltotage

Gamified Scaffolding in Formal Education: A Scoping Review | Bernice Beukes, Ana Carolina Tome Klock, Nikoletta-Zampeta Legaki, Juho Hamari

KS 2 NAUTILUS 2 FRIDAY, 2:00 - 3:30

ArchiMate Modeling Mistakes: A Comparative Analysis of Student Assignments and Prior Research on EA Modeling Mistakes | Ville Seppänen, Jarkko Nurmi

Building Metaknowledge in AI Literacy - The Effect of Gamified vs. Text-based Learning on AI Literacy Metaknowledge | Marc Pinski, Miguel-José Haas, Alexander Benlian

***Role-Play Case Studies to Teach Computing Ethics: Theoretical Foundations and Practical Guidelines**
| Ashish Hingle, Aditya Johri

Design and Appropriation of Knowledge, Chatbot and Other AI Systems

Minitrack Chairs: Pierre Hadaya, W. David Holford, Stefan Smolnik

KS 3 NAUTILUS 2 THURSDAY, 2:00 - 3:30

***Transforming Generative Large Language Models' Limitations into Strengths using Gestalt: A Synergetic Approach to Mathematical Problem-Solving with Computational Engines** | Cayden Dunn, Navid Hashemi Tonekaboni

OER-Chat: An Open Chatbot to Support the Reuse of Open Educational Resources of Introductory Programming | William Deus, Ellen Barbosa

Design and Architectures of Data-Centric and Knowledge Based Systems

Minitrack Chairs: Sang Suh, John Carbone, Patrick Then

KS 4 NAUTILUS 2 THURSDAY, 10:00 - 11:30

Sentimental Analysis of Movie Tweet Reviews Using Machine Learning Algorithms | Hemanth Kumar Kari

DiagnoBot: A Medical Chatbot | Cheyenne Nixon, Benjamin O'Barr, Keugmo Gu

Extending Feature Models with Types
| Benjamin Callewaert, Simon Vandevelde, Nuno Comenda, Bart Coppens, Nicholas Decleyre, Joost Vennekens

Cheshire: A New Believable Chat Bot Using AIML, LSA, Emotions from Personalities, and Voice Recognition and Synthesizer | Sang Suh, Stephen Baxter, John Carbone, Patrick Then

*Best Paper Nomination

Digitalization of Work

Minitrack Chairs: Tobias Scholz, Juho Hamari,
Stephanie Orme, Brian McCauley

KS 5 NAUTILUS 2 SATURDAY, 8:00 - 9:30

Gamification and Employee Well-being: A Systematic Literature Review | Sara Lehtoranta, Nannan Xi, Juho Hamari

The Work Design Puzzle: Untangling its Relationship with Work-Life Balance across Different Forms of Work | Amadeja Lamovšek, Matej Cerne, Aleš Popovič, Shaima' Salem Mohammed, Laura Trinchera

The Two Faces of Algorithmic Management in the Gig Economy | Antoine Bujold, Xavier Parent-Rochelleau

KS 6 NAUTILUS 2 SATURDAY, 10:00 - 11:30

Does Combination Matter? A Latent Profile Analysis of Experiences with (Non-)Digital Learning Offers and Basic Need Satisfaction at Work | Julian Decius, Timo Kortsch, Anja Schmitz

***Identification of Future Skills Using Data-Driven Methods: A Systematic Literature Review and Directions for Future Research** | Julia Brasse

EdTech and Emerging Technologies

Minitrack Chairs: Gaurav Shekhar, Deepak Khazanchi

KS 7 NAUTILUS 2 FRIDAY, 8:00 - 9:30

Utilizing Convolutional Neural Networks and Eye-Tracking Data for Classroom Attention Tracking | Bradley Boswell, Andrew Sanders, Gursimran Walia, Andrew Allen

Exploring Immersive VR-based Emphatic Learning Using Interpersonal Reactivity Index | Jaziar Radianti, Sofie Wass, Marianne Hovet Steig, Mugula Chris Safari

Lexical Analysis of Automatic Transcriptions Using Speech-to-Text Services: A Statistically Evaluated Case Study | Venilton Falvojr, Anderson Marcolino, Diego Bruno, Catherine Martins Falvo, Fernando Santos Osório, Ellen Barbosa

*Best Paper Nomination

Game-based Learning

Minitrack Chairs: Wilk Oliveira,
Maximilian Altmeyer, Juho Hamari

KS 8 NAUTILUS 2 FRIDAY, 4:00 - 5:30

Exposure, Emotion, and Empathy, A Theory Informed Approach to Misinformation and Disinformation Behavior Change through Games | Lindsay Grace, Songyi Liang

Using Minecraft Education Edition to Enhance 21st Century Skills in the College Classroom: A Mixed Methods Study | Sungwoong Lee, Wooyoung William Jang, Minna Rollins

Puzzle away the Puzzledness: Action-Design Study of an Educational Escape Room for Intervention in SMEs' Perception towards ICT Adoption | Lukas Fitz, Ekaterina Veldyaeva, Lukas Teutenberg, Michaela Scheeg, Jochen Scheeg

Educational Burst Games - A New Approach for Improving Learner Proficiency | Ashish Amresh, Vipin Verma, Rahul Salla

Global Digital Business

Minitrack Chairs: Sara Fraccastoro,
Mika Gabrielsson, Arto Ojala

KS 9 ILLIMA BOARDROOM SATURDAY, 8:00 - 9:30

Beyond Boundaries: Empowering Family SMEs' International Growth through Digital Platforms' Architecture and Governance | Ton Nu Huong Giang Hoang, Hock Hai Teo, Thi Phuong Quyen Nguyen, Huong Hoang

Internationalization of Indoor Positioning Platform Firms: Insights from Loose Coupling Theory | Arto Ojala, Sara Fraccastoro, Mika Gabrielsson

Innovation and Entrepreneurship: Theory and Practice

Minitrack Chairs: Michael Bartolacci, Cesar Bandera,
Katia Passerini, Sadan Kulturel-Konak

KS 10 NAUTILUS 2 SATURDAY, 2:00 - 3:30

The Role of Incubators and Maker Spaces in Facilitating Entrepreneurial Growth: A Stakeholder View | Carlos Dasilva

What is Digital Intrapreneurship? Insights from a Structured Literature Review | Lena-Marie Pätzmann, Marcel Cahenzli, Michael Bitzer

Green Orientation and Crowdfunding Success of Green Projects : Moderating Role of Project Characteristics | Rakesh Pati, Niharika Garud

Understanding Entrepreneurial Opportunity Evaluations: An Institutional Logics Approach | Niharika Garud, Rakesh Pati, Christopher Sutter, Timothy Holcomb

KS 11 NAUTILUS 2 SATURDAY, 4:00 - 5:30

Intrapreneurship in the Healthcare Sector: Stimulating Idea Generation through an Inspiration Wall | Cristina Bumbacher, Lena-Marie Pätzmann, Andrea Back

The Challenges and Strategic Solutions of Emerging Technology Entrepreneurship: A Systematic Literature Review | Alexander Myers, Ekaterina Albats

Digital Entrepreneurship and Business Innovation: A Simplified Model to Understand On-Demand Service Innovation | Yong Jin Kim, Katia Passerini, Bo Seong Yun, Ahyun Kim

Knowledge Flow, Transfer, Sharing, and Exchange

Minitrack Chairs: Mika Yasuoka, Mark Nissen

KS 12 NAUTILUS 2 THURSDAY, 4:00 - 5:30

***Creative Adaptation of Knowledge Resources: Evidence from Early-Stage Entrepreneurs** | Wei Shi

Interactivity Matters - A Role of Interactive Representations in Knowledge Transfer During Participatory Design Workshops | Mika Yasuoka, Momoko Nakatani, Yuki Taoka, Nana Hamaguchi

Pricing Knowledge Services Based on Meta-knowledge: From the Perspective of Knowledge Payment Platform | Xi Zhang, Qiuren Wang, Xin Wei, Zhiming Zhu

Does High Knowledge Contribution Mean Low Knowledge Withholding? Distinguishing Their Underlying Mechanisms by Integrating the Motivation and Neutralization Perspectives | Yiwen Zhang, Yongqiang Sun, Nan Wang, Xiao-Liang Shen

Securing Knowledge, Innovation, and Entrepreneurial Systems and Managing Knowledge Risks

Minitrack Chairs: Alexandra Durcikova,
Murray Jennex, Ilona Ilvonen

KS 13 SEA PEARL 4 SATURDAY, 2:00 - 3:30

Data Anonymization as Instrument to Manage Knowledge Risks in Supply Chains | Johannes Paul Zeiringer, Jürgen Fleiß, Stefan Thalmann

Designing Game Based Microgames as Intervention for Health Misinformation | Lindsay Grace, Victoria Orrego Dunleavy, Regina Ahn, Danny Mayo

Assessing and Mitigating the Risk of Critical Knowledge Loss in Organizations: Insights from COVID-19 and the Great Resignation | Murray Jennex, Alexandra Durcikova, Ilona Ilvonen, Jeffrey Babb

The Future of Knowledge Management: Visions, Opportunities, and Challenges

Minitrack Chairs: Alexander Kaiser,
Florian Kragulj, Thomas Grisold

KS 14 NAUTILUS 2 THURSDAY, 8:00 - 9:30

It Ain't about Words - The Role of Aesthetics in Enhancing an Organizations Capacity to Act. The Case of a Semi-professional American Football Team in Europe | Clemens Kerschbaum

*Best Paper Nomination

Systemic Coaching and Enneagramics for Organization Knowledge Flow | Alexander Kaiser, Mark Nissen

Understanding the Negative Effects of Social Networking Mobile App Notifications on the Attention of Young People and Adults: A Systematic Literature Mapping | Charles Xavier, Wendy Cataldo, Sean Wolfgang Matsui Siqueira, Ana Cristina Garcia, Carlos Mello

Digital Transformation in the Construction Industry: Applying a Knowledge Management System Lens | Lisa Kruesi, Shijia Gao, Misita Anwar, Jocelyn Cranefield, Gillian Oliver

The Technical, Socio-Economic, and Ethical Aspects of AI

Minitrack Chairs: Yibai Li, Yichuan Wang, Xuefei Deng

KS 15 NAUTILUS 2 THURSDAY, 2:00 - 3:30

From Large Language Models to Knowledge Graphs for Biomarker Discovery in Cancer | Rezaul Karim, Lina Molinas Comet, Md Shajalal, Paola De Perthuis, Dietrich Rebholz-Schuhmann, Stefan Decker

***Dubito Ergo Sum: Exploring AI Ethics** | Viktor Dörfler, Giles Cuthbert

Value, Success, and Performance Measurements of Knowledge, Innovation and Entrepreneurial Systems

Minitrack Chairs: Alexander Kaiser, Florian Kragulj, Thomas Grisold

KS 16 NAUTILUS 2 SATURDAY, 4:00 - 5:30

Knowledge Combination Analysis Reveals that Artificial Intelligence Research Is More Like "Normal Science" Than "Revolutionary Science" | Jieshu Wang, Andrew Maynard, José Lobo, Katina Michael, Sébastien Motsch, Deborah Strumsky

LI: Location Intelligence

Co-Chair: Thomas Horan

Geospatial Big Data Analytics

Minitrack Chairs: Joe Aversa, Namchul Shin, Dan Farkas

LI 1 SEA PEARL 4 FRIDAY, 10:00 - 11:30

Conducting Trade Area Analysis Using Mobile Data: The Case of Michigan's Super-Regional Shopping Centres | Ali Azmy, Joe Aversa, Tony Hernandez

Geospatial Imputation of Urban Mobility Data with Self-Supervised Learning | Bin Han, Bill Howe

A Framework for Destination Uniqueness Identification through Concept Modeling of Tourist-generated Travel Photos | Thuc Nguyen, Huy Quan Vu, Jacob L. Cybulski, Lemai Nguyen

Geospatial Network Analysis of US Megaregions in 40 Years | Pawornwan Thongmak, Yinshuang Xiao, Phillip Gavino, Ming Zhang, Zhenghui Sha

Location Intelligence Research in System Sciences

Minitrack Chairs: James Pick, Avijit Sarkar

LI 2 SEA PEARL 4 FRIDAY, 2:00 - 3:30

Revitalizing Graduate Business Curriculum with Location Analytics Incorporating DEI & ESG | Julio Rivera, Asish Satpathy, Elizabeth Wellman, Miriam Burgos

Host Participation in Short-term Rental Markets: Geospatial and Socioeconomic Analysis of Airbnb in San Francisco | Avijit Sarkar, James Pick, Shaista Jabeen

***Leveraging Location Intelligence for Enhanced Damage Insurance Underwriting in the Context of Climate Change** | Daniel Chamberland-Tremblay, Claude Caron, Jean-François Morin

*Best Paper Nomination

LI 3 SEA PEARL 4 FRIDAY, 4:00 - 5:30

**Location Analytics to Support Wildfire Response
Prepositioning** | Jiwon Baik, Alan Murray

**Wireless Signal Prediction using Deep Learning
Models for WiFi Positioning and Security Concerns**
| Abdullah Konak, Simon Delattre, Michael Bartolacci

**Empirical Assessment of the IEDS Framework to
Design a Geospatial Information Exchange (IE)
Platform Utilizing the GIS Technology**
| Ali Mohammed Bazarah, Yan Li

Optimal Partition of the Compulsory Education Period
| Hitoshi Shimizu, Tsubasa Nakamura, Hirohiko Suwa

OS: Organizational Systems and Technology
Co-Chairs: Hugh Watson, Dorothy Leidner

Advances in Design Science Research

Minitrack Chairs: Tuure Tuunanen,
Richard Baskerville, Matti Rossi

OS 1 LEHUA SUITE SATURDAY, 10:00 - 11:30

**Minecraft As a Platform For Co-Creation Of Urban
Space: A Case-Study With Teenagers** | Samu Rossi,
Saana Rossi, Matti Rossi, Sippo Rossi

**PICT-DPA: A Quality-Compliance Data Processing
Architecture** | Ruizhi Yu, Yan Li

**Deriving Design Principles from the Design journey of
a Cybersecurity Readiness Assessment Tool**
| Abhishek Sharma, Rangaraja P. Sundarraj

Advances in Trust Research:

How Context and Digital Technologies Matter

Minitrack Chairs: Sirkka Jarvenpaa, Gene Alarcon,
Kirsimarja Blomqvist, Mareike Möhlmann

OS 2 CORAL 1 THURSDAY, 8:00 - 9:30

***Amongst a Multitude of Algorithms: How Distrust
Transfers Between Social and Technical Trust Referents**

in the AI-Driven Organization | Rebecka Ångström,
Magnus Mähring, Martin Wallin, Eivor Oborn, Michael Barrett

**Investigating the Role of Self-Awareness on Trust-
Relevant Criteria in Distributed Ad Hoc Dyads**
| August Capiola, Krista Harris, Izz Aldin Hamdan,
Gene Alarcon, Sarah Jessup

**Unleashing Employee-Employer Trust: The Uncharted
Influence of Responsible Leadership in Technology-
Permeated Workplaces** | Alice Rickert, Simon Schafheitle,
Antoinette Weibel

AI, Organizing, and Management

Minitrack Chairs: Jeffrey Saltz, Aron Lindberg, Jeff
Nickerson, Stefan Seidel

OS 3 CORAL 1 SATURDAY, 8:00 - 9:30

**AI Project and Deployment Risk: Articulation and
Legitimization** | Sucheta Lahiri, Jeffrey Saltz

**AI Implementation and Capability Development in
Manufacturing: An Action Research Case** | Jon Eklof,
Ulrika Snis, Thomas Hamelryck, Alexander Grima, Ola Ronning

Validating Generalizations about AI and Its Uses
| Steven Alter

OS 4 CORAL 1 SATURDAY, 10:00 - 11:30

**Organizational Challenges in Adoption and
Implementation of Artificial Intelligence**
| Marigo Raftopoulos

**Algorithmic Accountability: What Does it Mean for AI
Developers and How Does it Affect AI Development
Projects** | Sebastian Bartsch, Verena Milani,
Martin Adam, Alexander Benlian

**Yes, but ...: Unraveling Paradoxes in Implementing
Artificial Intelligence** | Nikola Finze, Sina Zimmermann,
Andy Weeger, Heinz-Theo Wagner

OS 5CORAL 1SATURDAY, 2:00 - 3:30

The Return on Investment in AI Ethics: A Holistic Framework | Marialena Bevilacqua, Nicholas Berente, Heather Domin, Brian Goehring, Francesca Rossi

Streamlining the Operation of AI Systems: Examining MLOps Maturity at an Automotive Firm | Michael Weber, Johannes Schniertshauer, Leonard Przybilla, Andreas Hein, Jörg Weking, Helmut Krcmar

Transition to Human-AI Work: Shifts in Routines' Dynamics and the Implications for Roles in Knowledge-Intensive Work | Joona Ruissalo

Blockchain Cases and Innovations

Minitrack Chairs: Marinos Themistocleous, Paulo Rupino da Cunha, Maria Papadaki

OS 6S PACIFIC 2FRIDAY, 10:00 - 11:30

Using Contextual Integrity to Uncover Acceptability of Information Flows in Central Bank Digital Currency Transactions | Frederic Tronnier

Are Blockchains Really Decentralized? A Multimodal Perspective on Tokenized Decision Making and Venture Capital Investments in Web3 | Tobias Kölbel, Kai Binder, Christof Weinhardt

Demystifying the Impact of Blockchain on Trust in Emerging and Established Relationships: A Case of Organic Food Supply Chains | Kongmanas Yavaprabhas, Sherah Kurnia, Zahra Seyedghorban, Daniel Samson

OS 7S PACIFIC 2FRIDAY, 2:00 - 3:30

ESG on the Chain: Unveiling the Impact of Different Blockchain Use Cases on Short-Term Stock Performance | Timo Rogalski, Dirk Schiereck

Web3 Decentralized Business Models | Christina Kaae, Asger Pedersen, Signe Agerskov, Roman Beck

Community Empowerment in Decentralized Autonomous Organizations: A Configurational Approach to Decentralization | Leily Soleimanof, Derrick Neufeld

*Best Paper Nomination

The Dynamic Effects of Blockchain-based Identity Management Adoption on Data Breaches | Sarah Mulaji, Irwin Brown, Sumarie Roodt

OS 8S PACIFIC 2FRIDAY, 4:00 - 5:30

Towards a Decentralized Autonomous Governance Model to Improve Governance of Charities | Mamadou Dosso, PK Senyo, Ishmael Tingbani

DAG-Sword: A Simulator of Large-Scale Network Topologies for DAG-Oriented Proof-of-Work Blockchains | Martin Perešini, Tomáš Hladký, Kamil Malinka, Ivan Homoliak

Navigating the Landscape: A Taxonomy Approach to Blockchain-based Derivative Protocols | Ricky Lamberty, Ferdinand Mann, Tobias Kölbel

Business Process Technology

Minitrack Chairs: Henrik Leopold, Han van der Aa, Carl Corea, Hajo Reijers

OS 9SEA PEARL 1THURSDAY, 2:00 - 3:30

Alignment-based Conformance Checking over Probabilistic Events | Jiawei Zheng, Petros Papapanagiotou, Jacques Fleuriot

From Text to Intelligent Services in Knowledge Intensive Decision Processes: Text2Chat | Jan Vanthienen, Alexandre Goossens

Towards a Maturity Model of Process Mining as an Analytic Capability | Astria Hijriani, Marco Comuzzi

OS 10SEA PEARL 1THURSDAY, 4:00 - 5:30

Exploring Cognitive Effects of Inconsistency Characteristics on Understanding Inconsistencies in Declarative Process Models | Sabine Nagel, Patrick Delfmann

Advanced Temporal Control Structures for Business Process Modeling | Marco Franceschetti, Johann Eder

Conceptualisation, Evaluation and Integration of Digital Opportunity Recognition

Minitrack Chairs: Barbara Krumay,
Eusebio Scornavacca, Manuel Mühlburger

OS 11 HIBISCUS 2 THURSDAY, 4:00 - 5:30

Implementation of a Weakly Structured System as a Case of Digital Transformation - A Study of An Emergency Response Training Organization

| Vladislav Fomin, Cecilia Hammar Wijkmark, Ilona Helda

Dark Sides of Digitalization

Minitrack Chairs: Hamed Qahri-Saremi,
Ofir Turel, Isaac Vaghefi

OS 12 SEA PEARL 1 THURSDAY, 8:00 - 9:30

Understanding the Process of IT Addiction Recovery: Insights from a Qualitative Study | Isaac Vaghefi, Bogdan Negoita, Liette Lapointe

Neutralization Tendencies in Information Systems Security Violation | Frank King, Souren Paul

***Zoombombing: Understanding We-Intention to Engage in Collective Trolling among Online Community Members through the Social Identity Model of Deindividuation Effects** | Grace Yuekun Gao, Christy Cheung, Tommy K.H. Chan, Zach WY. Lee

OS 13 SEA PEARL 1 THURSDAY, 10:00 - 11:30

Just Because We Can, Doesn't Mean We Should: Algorithm Aversion as a Principled Resistance

| Oliver Hannon, Raffaele Ciriello, Uri Gal

Sharing Intention of Politicized News on Social Media: Mediators and Moderators | Q. Neo Bui, Emi Moriuchi

The Impact of Organizational Citizenship Behaviors on Technostress in a Post-COVID-19 Remote Work Context: The Role of Media Synchronicity

| Bachazile Sikhondze, Alexandra Durcikova, Santhanam Radhika

Data Analytics, Strategy, and Business Values

Minitrack Chairs: Jee-Hae Lim, Tu Xu

OS 14 SEA PEARL 2 SATURDAY, 10:00 - 11:30

Utilizing Machine Learning to Explore the Relationship between Organizational Wireless and Mobile Strategy and Firm Performance: the Moderating Roles of IT Investment and CIO Compensation | Xiaqing He, Sridhar Nerur, Jie Zhang

Role of Customer Loyalty in the Application of Customer Data within Supply Chains | Lauri Paavola, Saara Julkunen, Mika Gabrielsson

When Growth Opportunities Meet Cybersecurity Risk: A Topic Modeling Approach | Tracie Frost, Muktak Tripathi, Vincent Zhuang

Data and Analytics Driven Digital Transformation in Organizations and Society

Minitrack Chairs: Olivera Marjanovic,
Barbara Dinter, Thilini Ariyachandra

OS 15 SEA PEARL 2 SATURDAY, 8:00 - 9:30

***Toward a Curriculum for Data Literacy in Enterprises** | Hippolyte Lefebvre, Christine Legner

Leveraging Corporate Data Platforms: An Architectural Perspective | Tobias Hackl, Dennis Vetterling, Robert Winter

Data Quality Tools: Towards a Software Reference Architecture | Marcel Altendeitering, Tobias Moritz Guggenberger

Digital Innovation, Transformation, and Entrepreneurship

Minitrack Chairs: Nicholas Berente,
Kalle Lyytinen, Youngjin Yoo

OS 16 CORAL 1 THURSDAY, 10:00 - 11:30

Contests for Predictive Algorithms: Ensembling, Interdependency, and Optimal Rewards Design | Eren Ahsen, Mehmet Ayyvaci, Srinivasan Raghunathan, Ramanath Subramanyam

Under Pressure: An Ethnographic Report from an Ambidextrous IPaaS Platform | Lene Pettersen

Going Digital First as an Incumbent: Reaching Outwards and Anchoring Inwards to Safeguard the Incumbent Physical Core | Shiyuan Liu, Anna Essén, Magnus Mähring

OS 17 CORAL 1 THURSDAY, 2:00 - 3:30

All Bark and No Bite? Toward an Understanding of Chief Digital Officers' Power in Organizations
| Christian Sciuk, Thomas Hess

Demystifying the Design of Industrial IoT Platform-Based Business Models - Archetypes and Their Strategic Response to Main Challenges | Michael Millan, Dirk Lüttgens, Sebastian Brenk, Frank Piller

Offense or Defense? Digital Innovation Strategy to Face Competitive Position Shifting in Mobile App Platform
| Yuting Gao, Lele Kang, Qiqi Jiang, Jing Chen

OS 18 CORAL 1 THURSDAY, 4:00 - 5:30

Data as a Strategic Resource beyond Predictive Analytics | Tom Steinberger, Ju Yeon Jung, Lily Cho

Power to All or Few People? An Exploration of Power Dynamics in Holacracy | Bastian Wurm, Jan Mendling, Reinald Minaar, Erik Strauss

Initiating and Expanding Data Network Effects: A Longitudinal Case Study of Generativity in the Evolution of An AI Platform | Maria Kandaurova, Daniel A. Skog

Risks and Benefits of Technologies for Organizational Change Enablement - A Role Theory Perspective
| Bastian Brechtelsbauer, Sven Laumer

Digital Transformations of Business Operations

Minitrack Chairs: Abraham Seidmann,
Yabing Jiang, Jie Zhang

OS 19 ILLIMA BOARDROOM THURSDAY, 8:00 - 9:30

The Effect of Interpretable Artificial Intelligence on Repeated Managerial Decision-Making under Uncertainty | Onur Altintas, Abraham Seidmann, Bin Gu, Nina Mažar

Solving Trade-offs between Resilience and Sustainability in Supply Chains: A Case Study on Real-Time Tracking Technologies | Amandine Herbe

Effect of New Goal Disclosure on Service Employee's Effort Allocation: A Quasi-Experiment Study
| Yongmin Zhu, Yueyue Zhang, Cheng Zhang

OS 20 ILLIMA BOARDROOM THURSDAY, 10:00 - 11:30

Information Technology and Human Resource Management: Revisiting the Past to Inform the Future
| Richard Johnson, Kristine Kuhn

***Tele-Follow-Up and Outpatient Care** | Shujing Sun, Wei Gu, Meng Li

The Dynamic Integration of AI - Driven Telemedicine with In-Office Specialty Care | Opher Baron, Fanying Chen, Abraham Seidmann

*Best Paper Nomination

Dynamics and Impacts of Platforms and Ecosystems

Minitrack Chairs: Hannes Rothe,
Jukka Huhtamäki, Kaisa Still

OS 21 SEA PEARL 1 SATURDAY, 4:00 - 5:30

Designing Digital Platforms as Generative Systems through the Lens of Complex Adaptive Systems Theory | Lana Kovacevic-Opacic, Olivera Marjanovic

Decentralized Autonomous Organizations as a Threat to Centralized Platforms: Applying and Expanding Theories of Platform Competition and Disintermediation | Ted Ladd, Robert Barlow, Beau Giannini, Annette Pflaum

Risk Management of External Resources in Digital Ecosystems | Kari Koskinen, Sonja Hyrynsalmi, Matti Rossi, Kari Smolander

Market-Related and Relational Factors in B2B Platform Ecosystems: A Systematic Review and Research Agenda | Maximilian Feike, Juergen Roesch, Jens Neuhüttler

Enterprise Ecosystems: The Integrated Enterprise, Levels of Information Systems Research (Process, Enterprise-, Ecosystem- & Industry-Level)

Minitrack Chairs: Benedict Bender, Pamela Schmidt,
Robert Winter, Sathya Narasimhan

OS 22 SEA PEARL 1 SATURDAY, 2:00 - 3:30

A Theoretical Lens on Maturity Models as Boundary Objects | Amy Van Looy, Michael Rosemann, Wasana Bandara

Behind the Curtain: Private Properties of a B2B Platform | Jaakko Vuolasto, Kari Smolander

Paving the Way for ERP Implementation in Higher Education Institutions - A Review of Critical Success Factors | Jasmin Fattah-Weil

Enterprise-Level IS Research - Need, Conceptualization, Exemplary Knowledge Contributions and Future Opportunities | Robert Winter, Benedict Bender, Stephan Aier

Human Flourishing in the Digital Era: Individual, Organizational, and Societal Possibilities and Pitfalls

Minitrack Chairs: Lena Hylving,
Dina Koutsikouri, Tina Blegind Jensen

OS 23 CORAL 1 FRIDAY, 4:00 - 5:30

Relationship between the Use of IT and Wellbeing: A Literature Review | Hyein Jeong, Romilla Syed

***An Exploration of Academics' Attitudes towards Research Metrics in the Corporatized University: The Case of a Business School** | Edward Luca

Embracing Schopenhauer in the Information Systems Discipline: Will, Representation, Compassion, and Aesthetics in Digital Artifacts | Raffaele Ciriello

Informing Research: Engaging with Futures

Minitrack Chairs: Dirk Hovorka, Benjamin Mueller

OS 24 LEHUA SUITE SATURDAY, 2:00 - 3:30

Speculation: Forms and Functions | Dirk Hovorka, Benjamin Mueller

Crafting Future Scenarios with the Help of AI: Potentials of a Hybrid Delphi Expert Panel | Roland M. Mueller, Katja Thoring, Hermann W. Klöckner, Kai Larsen

On Serendipity in Digital Futures | Lena Hylving, Dina Koutsikouri, Karlheinz Kautz

IS for Social Good and Ills: Implications for Research, Practice, and Policy

Minitrack Chairs: Jordana George,
Sirkka Jarvenpaa, Tamara Roth

OS 25 KAHILI 2 SATURDAY, 2:00 - 3:30

Social Media Enabled Social Movements in Information Systems Research: A Lakatos Approach to Literature Review | Oyebisi Oladeji, Romilla Syed, Leiser Silva

AI as an Emancipatory Technology: Smart Hand Tools for Skilled Trade Workers | Chelsea Collier, Tina Lassiter, Kenneth Fleischmann, Sherri R. Greenberg, Raul G. Longoria, Sandeep Chinchali

***Toxic Speech and Collective Engagement: Evidence from Roe v. Wade Fallout** | Romilla Syed, Emmanuelle Vaast

IT Governance and its Mechanisms

Minitrack Chairs: Steven De Haes, Tim Huygh, Anant Joshi

OS 26 CORAL 1 FRIDAY, 8:00 - 9:30

Data Governance for Data Sharing: Why Is It So Hard?
| Richard Howey

Cyber Capabilities as Dynamic Capabilities: Meeting the Demands of the Ever-Evolving Cybersecurity Environment | Nico Abbatemarco

Governing Security in a Digital World Is not a "One Size Fits All" Solution: A Multiple Case Study about Security Governance Modes and their Effectiveness
| Stef Schinagl, Bart Van Den Hooff, Abbas Shahim, Svetlana Khapova

OS 27 CORAL 1 FRIDAY, 10:00 - 11:30

IS Alignment in Dynamic Environments: A Comprehensive Framework | Lukas Grützner, Oliver Werth, Michael H. Breitner

Business Strategy and Agile Software Development Methods Alignment in Startup Companies: Cases of Five Swedish Startups | Parisa Aasi, Leslie Berggren-Lagercrantz, Huseyin Kökmen

***Chief Information Officer and Organizational Agility: Exploring CIO Power and Demand-Side Leadership**
| Yanlin Zhang, Xuwei Zhang, Daniel Chen, Jinghua Xiao, Kang Xie

OS 28 CORAL 1 FRIDAY, 2:00 - 3:30

Formative Archetypes in Enterprise Blockchain Governance: Exploring the Dynamics of Participant Dominance and Platform Openness | Christophe Viguerie, Raffaele Ciriello, Liudmila Zavolokina

The Impact of Strategic Orientation on Digital Transformation: Empirical Evidence Based on Chinese Listed Manufacturing Firms | Tingxuan Liu, Yishu Dai, Mengling Yan

Implementing Value Stream Management: A Pathway to Operational Alignment in Value Streams
| Justin Harvey, Anna Wiedemann, Philipp Matter

Metaverse

Minitrack Chairs: Marinos Themistocleous, Paulo Rupino da Cunha, Klitos Christodoulou

OS 29 SEA PEARL 2 THURSDAY, 4:00 - 5:30

Materializing Design Fictions for Metaverse Services
| Mark Lycett, Krisanee Meechao, Alexander Reppel

A Metaverse Typology: Exploring the Role of Immersivity and Centralization in Driving Value Creation | Leonardo Maria De Rossi, Nico Abbatemarco, Lorenzo Diaferia, Gianluca Salviotti

Making Sense of Reality: A Mapping of Terminology Related to Virtual Reality, Augmented Reality, Mixed Reality, XR and the Metaverse | Samuli Laato, Nannan Xi, Velvet Spors, Mattia Thibault, Juho Hamari

*Best Paper Nomination

Practice-based IS Research

Minitrack Chairs: Bill Kettinger, Gabriele Piccoli,
Michael Milovich, Jr., Joaquin Rodriguez

OS 30 LEHUA SUITE SATURDAY, 4:00 - 5:30

***Data Value and the Search for a Single Source of Truth: What is it and Why Does it Matter?**

| Magno Queiroz, Paul Tallon, Tim Coltman

Cutting through Complexity: Strategic Options for Designing a B2B Innovation Platform | Manuel Wicek, Sven Jung, Felix Wortmann

Supply Chain Cybersecurity and Small and Medium-Sized Enterprises (SMEs): Exploring Shortcomings in Third Party Risk Management of SMEs | Jillian Kwong, Keri Pearlson

Socio-Technical Issues in Organizational Information Technologies

Minitrack Chairs: Dragos Vieru, Ulrika Westergren,
Simeon Vidolov, Albert Plugge

OS 31 S PACIFIC 4 FRIDAY, 2:00 - 3:30

Social Practices of Creating and Using UX Artifacts in Agile Organizations | Luka Rukonić, Pierre Fastrez, Suzanne Kieffer

Work System Quality Assessment: A TIHPS Grounded Measurement Model | Fabian Walke, Anneke Aden, Till J. Winkler

Why Managers Don't Manage: An Interpretive Case Study of Information Systems Adoption Management | Cecilie Falch, Oliver Krancher

OS 32 S PACIFIC 4 FRIDAY, 2:00 - 3:30

Generation Z Entering IT - Navigating Expectations for Employers and Employees | Barbara Prommegger, Christoph Kraußer, Alexander Straeussl, Selin Arpacı, Andrea Trost, Helmut Krcmar

***Outsourcing in the Age of Machine Learning: How Inscrutable Shared Understanding Drives Outsourcing Relationship Success** | Anne-Sophie Mayer, Julia Kotlarsky, Ilan Oshri

Co-designing ESG Platform Functionality: A Digital Platform Ecosystem Approach | Albert Plugge, Mark De Reuver, Dragos Vieru

Beyond Digital Technology: Synthesizing Micro-Foundations for Manufacturing Organizations' Transforming Capability | Linnéa Carlsson

Special Topics in Organizational Systems and Technology

Minitrack Chair: Jim Ryan

OS 33 S PACIFIC 4 FRIDAY, 8:00 - 9:30

Supporting Managerial Decision-Making for Federated Machine Learning: Design of a Technology Selection Tool | Milena Zahn, Tobias Müller, Florian Matthes

Generative UX Research Process for Designing Professional Service Robotic Systems and Teleoperation Interfaces | Gaayathri Sankar, Soussan Djamassbi, Norbou Buchler

Board Level Balanced Scorecard for Cyber Resilience | Keri Pearlson, Mridula Prakash

OS 34 S PACIFIC 4 FRIDAY, 10:00 - 11:30

Teaching Artificial Intelligence and Machine Learning to "Everyone Else" | James Locke, Kelly Rainer

Developing a Culture of Collaboration among Information Workers: A Game-theoretic Approach | Amitrajit Sarkar, Stephen Wingreen, Ravishankar Sharma, John Ascroft

Unveiling the Strength of Digital Objects: The Impact of the Digital Object Concept on Technology Acceptance | Christopher Califf, Mark Springer

**Technological, Educational,
and Organizational Impacts of Global Crises**

Minitrack Chairs: Safa'a AbuJarour, Haya Ajjan,
Jane Fedorowicz, Dawn Owens

OS 35 HIBISCUS 2 THURSDAY, 4:00 - 5:30

Pandemic as Digital Change Accelerator: Sustainable Reshaping of Adult Education Post Covid-19

| Sylvana Sofkova Hashemi, Nataliya Berbyuk Lindström, Nina Bergdahl

Sparkling Inter-usability: How Can Instructors Align Learning Management Systems within Online Learning Ecosystems?

| Feifei Pang, Rob Grace, Hari Priya Ponnakanti, Kijung Lee, Jess Kropczynski

Building Digital Resilience in Major Shocks: How Ukrainian Organizations Enact Digital Transformation in Times of War

| Nataliya Berbyuk Lindström, Liana Razmerita, Serhii Prokopenko, Nataliya Popovych

ST: Software Technology

Co-Chair: Rick Kazman

Agile and Lean: Organizations, Products and Development

Minitrack Chairs: Jeffrey Saltz, Edward Anderson, Alex Sutherland, Viktoria Stray

ST 1 S PACIFIC 2 THURSDAY, 10:00 - 11:30

An Empirical Study of Social Debt in Open-Source Projects: Social Drivers and the "Known Devil" Community Smell

| Hong-Mei Chen, Rick Kazman, Gemma Catolino, Massimo Manca, Damian Andrew Tamburri, Willem-Jan Van Den Heuvel

Exploring the Organizational Models for Data Science in Agile Software Development: Challenges and Strategies from a Multi-Case Study

| Rasmus Ulfsnes, Marthe Berntzen, Nils Brede Moe, Astri Barbala, Tor Sporsen, Viktoria Stray

Assessing Team Security Maturity in Large-Scale Agile Development

| Sascha Nägele, Jan-Philipp Watzelt, Florian Matthes

ST 2 S PACIFIC 2 THURSDAY, 2:00 - 3:30

Unveiling Challenges and Opportunities in Low Code Development Platforms: A StackOverflow Analysis

| Edona Elshan, Dominik Siemon, Olivia Bruhin, Damian Kedziora, Niklas Schmidt

Understanding the Difference between Office Presence and Co-presence in Team Member Interactions

| Nils Brede Moe, Simen Ulsaker, Jarle Moss Hildrum, Darja Smite, Fehime Ceren Ay

**AI-based Methods and Applications
for Software Engineering**

Minitrack Chairs: Stefan Wittek, Sebastian Herold, Andres Rausch

ST 3 KAHILI 1 THURSDAY, 8:00 - 9:30

Agentic Relationship Dynamics in Human-AI Collaboration: A Study of Interactions with GPT-based Agentic IS Artifacts

| Björn Svensson, Christina Keller

Towards Inductive Learning of Formal Software Architecture Rules

| Christian Schindler, Andreas Rausch

Representative Dataset Generation Framework for AI-based Failure Analysis during real-time Validation of Automotive Software Systems

| Mohammad Abboush, Christoph Knieke, Andreas Rausch

Unsupervised Extraction of Test Scenarios from Time-Series Sensor Data using Trace Graphs

| Jannik Brinkmann, Noah Metzger, Christian Bartelt

Application, Adoption, and Impact of Emerging Technologies

Minitrack Chairs: Johnny Chan, Gabrielle Peko,
David Sundaram, Ghazwan Hassna

ST 4 ILLIMA BOARDROOM FRIDAY, 10:00 - 11:30

***Revealing the Impacting Factors for the Adoption of Federated Machine Learning in Organizations**

| Tobias Müller, Milena Zahn, Florian Matthes

Persuade Oscar, the Grouch: A Design Approach for a Persuasive Gamified Smart Waste App

| Jobin Strunk, Christian Anschütz, Katharina Ebner,
Stefan Smolnik

Critical Infrastructure and Cyber Systems

Minitrack Chairs: Chad Bollmann,
Britta Hale, James Scrofani, Nick Tsamis

ST 5 KAHILI 1 FRIDAY, 10:00 - 11:30

Multi-Shield Cyber Security Visualization - A Tool to Enhance Cybersecurity Design and Analysis

| Erik Moore, Steven Fulton, Vincent Garramone,
Daniel Likarish

Toward Interdisciplinary Practice and Increased Social ROI: A Case Study on Downstream Effects of Integrating UX in Cyber System Design

| Justine Ramelot, Daniela Azevedo, Axel Legay,
Suzanne Kieffer

Cyber Operations, Defense, and Forensics

Minitrack Chairs: William Glisson,
Todd McDonald, Philip Menard

ST 6 KAHILI 1 FRIDAY, 4:00 - 5:30

Environmental Factors that Hinder an Organization's Ability to Learn from Cyber Incidents: A Case Study on SolarWinds | Burcu Bulgurcu, Atefeh (Atty) Mashatan

CAVA: Cognitive Aid for Vulnerability Analysis

| Evelyn Kim, Sunny Fugate, Christian Lebiere,
Aidan Barbieux, Jonathan Buch, Jaehoon Cho,
Edward Cranford, Joseph Divita, Jeremy Johnson,
Mia Levy, Froylan Maldonado, Brianna Marsh,
Donald Morrison, Jocelyn Rego, Mitchell Sayer,
Alex Waagen, Rajan Bhattacharyya

Identifying Subdomain Doppelganger Attacks against Companies | Geoffrey Simpson, Tyler Moore

Cybersecurity and Software Assurance

Minitrack Chairs: Luanne Burns Chamberlain,
Thomas Llanso, Richard George

ST 7 KAHILI 1 FRIDAY, 8:00 - 9:30

Stabilizing D Flip-Flop Orbits with Self-Modifiable Differential Equations | Michael Fiske

Increasing Test Coverage via Mediated Activation of Adverse Cyber Events in Software-Intensive Systems

| Thomas Llanso, Martha Mcneil

***SGX-USB: Secure USB I/O Path for Secure Enclaves**

| Yeongjin Jang, Sejin Keem

ST 8 KAHILI 1 FRIDAY, 10:00 - 11:30

Assessing the Feasibility of the Virtual Smartphone Paradigm in Countering Zero-Click Attacks

| Narmeen Shafqat, Cem Topcuoglu, Engin Kirda,
Aanjhan Ranganathan

Streamlining Attack Tree Generation: A Fragment- Based Approach | Irdin Pekaric, Markus Frick,

Jubril Gbolahan Adigun, Raffaella Groner, Thomas Witte,
Alexander Raschke, Michael Felderer, Matthias Tichy

Digital Twins: Platforms, Methods, Applications, and Impact

Minitrack Chairs: Tim Schattkowsky,
Gregor Engels, Achim Rettberg

ST 9 SEA PEARL 3 SATURDAY, 4:00 - 5:30

Digital Shadows for Operational Technology Monitoring - A Comparison of Data-Driven Approaches

| David Graf, Wieland Schwinger, Werner Retschitzegger,
Elisabeth Kapsammer, Norbert Baumgartner,
Birgit Pröll, Johannes Schönböck

*Towards a Model Factory Experimentation Environment for Cyber-Physical Twins

| Andreas Enrich, Oliver Gutermuth, Michael Frey,
Peter Fettke, Peter Loos

Designing and Implementing a Robust, Modular and Interoperable Digital Twin Smart City Framework for Critical Water Spatial Infrastructure

| Kostas Alexandridis, Sonya Zhang,
Mehrdad Koohikamali, Soheil Sabri, Erkan Ozkaya

Generative and Conversational AI in Information Systems Research and Education: Opportunities and Challenges

Minitrack Chairs: Nargess Tahmasbi,
Elham Rastegari, Guohou Shan, Aaron French

ST 10 KAHILI 1 THURSDAY, 2:00 - 3:30

Investigating the Relative Impact of Generative AI vs. Humans on Voluntary Knowledge Contributions

| Guohou Shan, Dan Pienta, Jason Thatcher

Student Interaction with Generative AI: An Exploration of an Emergent Information-Search Process

| Ryan Schuetzler, Justin Giboney, Taylor Wells,
Benjamin Richardson, Tom Meservy, Cole Sutton,
Clay Posey, Jacob Steffen, Amanda Hughes

Assignments in the ChatGPT-era: Case Study on Plagiarism in Digital Systems Design Courses

| Irida Shallari, Mazhar Hussain

The More Is Not the Merrier: Effects of Prompt Engineering on the Quality of Ideas Generated By GPT-3

| Lucas Memmert, Izabel Cvetkovic, Eva Bittner

ST 11 KAHILI 1 THURSDAY, 4:00 - 5:30

*Narrating Causal Graphs with Large Language Models

| Philippe Giabbanelli, Atharva Phatak,
Vijay Mago, Ameeta Agrawal

Generative AI for Systems Thinking: Can a GPT Question-Answering System Turn Text into the Causal Maps Produced by Human Readers?

| Philippe Giabbanelli, Nathan Witkowicz

Intelligent Edge Computing in Pervasive Environments

Minitrack Chairs: Radmila Juric,
Elisabetta Ronchieri, Filippo Sanfilippo

ST 12 ILLIMA BOARDROOM SATURDAY, 10:00 - 11:30

Software as a Device in Edge Computing

| Radmila Juric, Sang Suh, Elisabetta Ronchieri,
Murat Tanik, John Carbone, Karoline Mcclenaghan

Exploring Spiking Neural Networks (SNN) for Low Size, Weight, and Power (SWaP) Benefits | Trevor Bihl, Patrick Farr, Gaetano Di Caterina, Alex Vicente-Sola, Davide Manna, Paul Kirkland, Jundong Liu, Kara Combs

Machine Learning and AI: Cybersecurity and Threat Hunting

Minitrack Chairs: Varol Kayhan, Shivendu Shivendu,
Manish Agrawal, David Zeng

ST 13 KAHILI 1 FRIDAY, 2:00 - 3:30

IoT Malware Data Augmentation Using a Generative Adversarial Network | John Carter, Spiros Mancoridis, Pavlos Protopapas, Erick Galinkin

***Behavioral Malware Detection Using a Language Model Classifier Trained on sys2vec Embeddings**
| John Carter, Spiros Mancoridis, Pavlos Protopapas, Erick Galinkin

Defense Against Adversarial Attacks for Neural Representations of Text | Huixin Zhan, Kun Zhang, Zhong Chen, Victor Sheng

Gradient Coupling Effect of Poisoning Attacks in Federated Learning | Wenqi Wei, Ling Liu

Quantum Computing Applications

Minitrack Chairs: Wolfgang Maass,
Frank Wilhelm-Mauch, Frederick Struckmeier

ST 14 ILLIMA BOARDROOM FRIDAY, 4:00 - 5:30

Towards Requirements Engineering for Quantum Computing Applications in Manufacturing | Hannah Stein, Stefan Schroeder, Pascal Kienast, Marco Kulig

***Graph-controlled Permutation Mixers in QAOA for the Flexible Job-Shop Problem** | Lilly Palackal, Leonhard Richter, Maximilian Hess

Quantum Feature Embeddings for Graph Neural Networks | Sascha Xu, Frank Wilhelm-Mauch, Wolfgang Maass

Security and Privacy Aspects of Human-Computer-Interactions

Minitrack Chairs: Nicholas Müller,
Kristin Weber, Paul Rosenthal

ST 15 SEA PEARL 1 FRIDAY, 4:00 - 5:30

Replication: What Would Motivate Users to Use Gmail's Confidential Mode? | Elham Al Qahtani, Yousra Javed, Sarah Tabassum, Mohamed Shehab

An Empirical Evaluation of the Current State of Phishing Comprehension in Pakistan | Yousra Javed, Iqra Irfan

Smart Application Development and Data Streaming: IoT, I4.0, Smart Cities and More

Minitrack Chairs: Sandra Gesing,
Peter Salhofer, Cezary Mazurek, Charlie Catlett

ST 16 KAHILI 1 THURSDAY, 10:00 - 11:30

Knowledge Core: An SCEP Architecture for Smart Installations with Organization-Defined Policies
| Ian Riley, Logan Quirk, Allen Marshall, Jacob Brue, Joe Shymanski, Vincent Gonzales, Rose Gamble

Panel Discussion: Novel Trends in Smart City Research and Data Streaming

Software Sustainability: Research on Usability, Maintainability, and Reproducibility

Minitrack Chairs: Maytal Dahan,
Joe Stubbs, Sandra Gesing

ST 17 SEA PEARL 1 FRIDAY, 10:00 - 11:30

Effects of Coding Norm Violations on Visual Effort, Trustworthiness Perceptions, and Reuse Intentions
| Sasha Willis, Sarah Jessup, Gene Alarcon, Michael Lee

Understanding Open-Source NLP Artifact Adoption through Information Systems Success Factors
| Kaiyue Liu

Software Technology and Software Development

Minitrack Chairs: Tim A. Majchrzak,
Tor-Morten Grønli, Hermann Kaindl

ST 18 KAHILI 1 SATURDAY, 8:00 - 9:30

Making Team Projects with Novices More Effective: An Experience Report | Carlos Paradis, Rick Kazman, Anthony Peruma

PosEmo - An Automated System for Measuring User Interest and Attitude in Real Time | Mikolaj Buchwald, Szymon Kupinski, Jan Nowak, Magdalena Biadala, Maciej Behnke

Behavioral Aspects of Agile Software Development: A Case Study on Meeting Practices | Viktoria Stray, Nils Brede Moe, Gunnar Bergersen, Jeanette Kirkerud

ST 19 KAHILI 1 SATURDAY, 10:00 - 11:30

Energy Efficiency and Classification Locality: Pareto-optimal Trade-offs in Multi-class Sensor-based Human Activity Recognition | Thomas Hoof, Benjamin Buchwitz

Enhanced Transport Mode Recognition on Mobile Devices | Anders Skretting, Tor-Morten Grønli, Tim A. Majchrzak, Cristian Mateos, Matias Hirsch

Overcoming Test Debt and Advancing Software Sustainability with Automated Testing: A B2B Trading Platform Case Study | Xiaoge Zhang, Bhavika Sharma, Timo Koppe

ST 20 KAHILI 1 SATURDAY, 2:00 - 3:30

Performance Comparison Analysis of ArangoDB, MySQL, and Neo4j: An Experimental Study of Querying Connected Data | Johan Sandell, Einar Asplund, Workneh Yilma Ayele, Martin Duneld

Investigating an Industry Practical Model for Confidence in Expert Cost Estimation of Feature Enhancement Requests | Daniel Port, Bill Taber

The Rise of Generative AI in Low Code Development Platforms - An Analysis and Future Directions.

| Olivia Bruhin, Ernestine Dickhaut, Edona Elshan, Mahei Li

*Best Paper Nomination

ST 21 KAHILI 1 SATURDAY, 4:00 - 5:30

Don't Buy the Pig in a Poke: Benchmarking DNNs Inference Performance before Development

| Constantin Völter, Timo Koppe, Phillip Rieger

***The Low-Code Phenomenon: Mapping the Intellectual Structure of Research** | Syed Asad Ali Naqvi, Markus Zimmer, Paul Drews, Kristina Lemmer, Rahul Basole

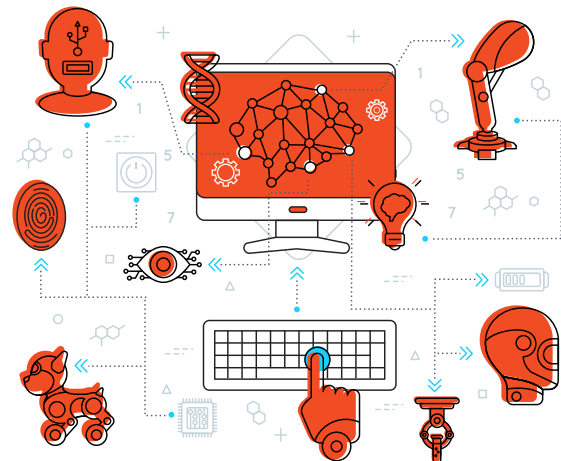
DRAMA at the PettingZoo: Dynamically Restricted Action Spaces for Multi-Agent Reinforcement Learning Frameworks | Michael Oesterle, Tim Grams, Christian Bartel

Trustworthy Artificial Intelligence and Machine Learning

Minitrack Chairs: Line Pouchard, Peter Salhofer

ST 22 KAHILI 1 THURSDAY, 10:00 - 11:30

Towards a Quantitative Evaluation Framework for Trustworthy AI in Facial Analysis | Annika Schreiner, Nils Kemmerzell



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Cabrerizo, Francisco	DA38-48	OS23-82	Deserno, Thomas	HC11-60	Essén, Anna	OS16-81
Cahenzli, Marcel	KS10-76	OS28-83	Desouza, Kevin	DG1-52	Etingov, Pavel	E55-56
Cai, Yuting	E56-57	DG1-53	Despotovic, Petar	SJ3-64	Ettl, Markus	DA30-46
Cai, Zhao	CL24-40	HC18-62	Deus, William	KS3-74	Eymann, Torsten	HC13-60
Cakmak, Mert Can	CL5-36	DG4-53	Deuse, Jochen	DA9-43		
Califi, Christopher	CL18-39	DA4-42	Dezan, Catherine	CL12-38		
Callesawert, Benjamin	CL12-38	ES7-57	Dhillon, Anuraj	ST12-87	Fadel, Kelly	CL11-38
Campbell, James	OS34-84	HC22-62	Di Caterina, Gaetano	OS29-83	Falch, Cecilie	OS31-84
Campos, Dirson	KS4-74	OS25-83	Diaferia, Lorenzo	HC24-63	Falvo, Catherine Martins	KS7-75
Cao, Cong	HC6-59	OS30-84	Dias, Roger	ST20-89	Falvojr, Venilton	ES2-56
Cao, Loi	KS1-74	DA5-42	Diebel, Christopher	CL12-38	Fan, Xiaoyuan	IN4-67
Capiola, August	DA11-43	KS4-74	Diesterhöft, Till	HC16-61	Fang, Yulin	IN5-67
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Linna Jr., Dan W.
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	DA37-48	Mayer, Anne-Sophie	OS32-84		ST6-86		
Luna-Reyes, Luis	DG8-54	Mayer, Kenneth	HC1-58	Moos, Clara C.	IN31-72		
Lundie, Michael	DA8-42	Maynard, Andrew	KS16-77	Moosavi, Syed Kumayl Raza	CL14-38		
Luo, Jun	IN21-70	Mayo, Danny	KS13-76	Morean, Meghan E.	HC21-62	O' Barr, Benjamin	KS4-74
Luo, Lei	IN16-69	Mažar, Nina	OS19-81	Morgenstern, Carl	ES8-57	O' Cleirigh, Connall	HC1-58
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Luu, Truong (Jack)	IN9-68	Mccall, Terika	HC16-61	Morin, Jean-François	LI2-77	Oborn, Eivor	OS2-78
Lygett, Mark	OS29-83	Mcclenaghan, Karoline	ST12-87	Moriuchi, Emi	OS13-80	Obradovic, Zoran	ES7-57
Lyons, Michael	HC23-63	Mcgee, Ebony	SB8-65	Morris, Eva Ja	HC17-61	Ochieng, Theodore	DA4-42
Lyu, Xue	ES2-56	Mckahn, Denise	ES4-56	Morrison, Donald	ST6-86	Ockenga, Tim Alvaro	HC1-58
lyytinen, Kalle	HC12-60	Mckillop, Ian	HC18-62	Motsch, Sébastien	KS16-77	Oeste-Reið, Sarah	IN29-72
		McLeod, Cynthia	CL27-41	Mou, Jian	CL21-40	Oesterle, Michael	ST21-89
		Mcneese, Nathan	SJ1-63	Mousavi, Mohammad	ES3-56	Oh, Wonseok	SJ6-64
M		Mcneil, Martha	ST7-86	Mudambi, Susan	CL10-37	Oinas-Kukkonen, Harri	HC9-60
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Maass, Wolfgang	DG8-54	Mcparland, Cliona	SJ8-65	Mueller, Johanna	IN20-70	Ojala, Arto	KS9-75
	DG10-54	Mcwilliams, Denise	DA4-42	Mueller, Lukas	IN20-70	Okpala, Izunna	DSM6-50
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Macdermott, Aine	DA37-48	Meier, Matt	HC22-62	Mukkamala, Ragghava Rao	HC19-62	Oliveira, Wilk	DA22-45
Macko, Vladimir	CL1-36	Meierhofer, Melissa	DSM6-50	Mukkamala, Ravi	DA31-47	Oliver, Gillian	KS14-77
Mago, Vijay	ST11-87	Melli, Gieseppe	CL1-36	Mulaji, Sarah	OS7-79	Olsson, Thomas	CL7-37
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Mähring, Magnus	OS2-78	Melsbach, Johannes	DG13-55	Müller, Sune	CL7-37	Orädd, Helena	DA22-45
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	DA19-44	Mesana, Patrick	HC21-62	Muthupoltotage, Udayangi Perera	KS1-74	OVaska, Maria	IN14-69
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Mann, Ferdinand	OS8-79	Meywirth, Sophia	HC3-85	Nah, Fiona Fui-Hoon	IN23-71	Pachamanova, Dessislava	HC6-59
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Marsh, Brianna	ST16-88	Mishra, Chetan	ES5-56	Nevala, Emma	DSM13-51	Parameswaran, Vijaya	HC12-60
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Parvania, Masood
Passerini, Katia
Passlack, Nina
Patel, Sachin
Pati, Rakesh
Patzke, Matthias
Pätzmann, Lena-Marie

Paul, Chinju
Paul, Souren

Pawlik, V. Phoebe
Payne, Dinah
Pearlson, Keri

Pedersen, Asger
Pekaric, Irdin
Peker, Meltem
Peko, Gabrielle
Peles, Slaven
Peng, Jing
Peng, Mary
Peng, Peishu
Peng, Xiao
Peng, Xixian
Penner, Kaden
Pennington, James
Peres, Sarajane Marques
Perešini, Martin
Pérez-Archaeoderra, Diana
Pérez, Ignacio Javier
Pergantis, Elias
Perret, Sophie-Charlotte
Persson, Per
Peruma, Anthony
Pervetz, Zeeshan
Peter, Sandra
Peters, Christoph
Peters, Leonore
Petro, Gwen
Petropoulos, Georgios
Pettersen, Lene
Pflaum, Alexander
Pflaum, Annette
Pham, Truong Son
Phatak, Atharva
Phelps, Andrew
Phillips, Samantha
Phommilath, Pingsanya
Pias, Tannoy Sarkar
Pick, James
Picker, Alexander
Pienta, Dan

Piispanen, Joni-Roy
Piller, Frank
Pina, Armando
Pinski, Marc
Pinsonneault, Alain
Pintar, John
Piri, Saeed
Pirker, Johanna
Pitman, Titta
Plevak, Phillip
Plugge, Albert
Poelmans, Stephan
Pokhrel, Bikash
Ponnakanti, Hari Priya
Poor, H.Vincent
Popović, Aleš
Popovich, Nataliya
Port, Daniel
Posegga, Oliver

Posey, Clay
Prakash, Mridula
Preis, Robin
Prentza, Andriana

Principato, Marc
Prinz, Niculin
Priyadarshan, Priyadarshan
Probst, Jeanette
Prokopenko, Serhii
Pröll, Birgit
Prommegger, Barbara
Protopapas, Pavlos
Przybilla, Leonard

Przytarski, Dennis
Pu, Wenxi
Puglisi, Lisa B.
Pullin, Jennifer

Q
Qahri-Saremi, Hamed
Qahtani, Elham Al
Qian, Yizhou
Qiu, Liangfei
Qu, Xinxue
Qua, Kenneth
Quatman, Carmen
Queiroz, Magno
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R
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Rabe, Martin
Radhika, Santhanam
Radianti, Jaziar

Rafferty, Laura
Raftopoulos, Marigo
Raghunathan, Srinivasan
Rahrovani, Yasser
Rainer, Kelly
Rains, Stephen A.
Rajeshkumar, Lavanya
Ramelot, Justine
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Raschke, Alexander
Rashidian, Christopher
Rath, Oliver
Rathi, Dipi
Rauh, Caterina
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Razmerita, Liana
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Reinhard, Philipp
Ren, Fenghui
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Repo, Vilko
Reppel, Alexander
Restrepo-Amariles, David
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Rielfe, Lara
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Riemer, Kai
Rieskamp, Jonas

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Riley, Ian
Riordan, Benjamin
Ritchard, Amy

Ritz, Eva
Rivera, Julio
Riziou, Marian-Andrei
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Rodriguez-Garcia, Luis
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Rogalski, Timo
Rogers, Andrew
Rojahn, Marcel
Rolf, Benjamin
Rollins, Minna
Romera Rodriguez, Guillermo
Ronchieri, Elisabetta
Ronning, Ola
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Rosemann, Michael
Rosen, Rochelle
Rosengren, Warren
Rosenkranz, Christoph
Ross-Hellauer, Tony
Rossello, Nicolas Bono
Rossi, Francesca
Rossi, Matti

Rossi, Saana
Rossi, Samu
Rossi, Sippo
Rossmann, Alexander
Rostami, Ashkan
Rosczynska-Kurasinska, Magdalena

Roth, Philip

Roth, Tamara

Rousi, Rebekah
Rowe, Neil
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Rudmark, Daniel
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Rukonic, Luka
Rustenber, Kjetil
Ruvald, Ryan
Rychwalska, Agnieszka
Rykova, Eugenia

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Sackmann, Stefan
Saeed, Saber
Safari, Mughla Chris
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Salviotti, Gianluca

Samir, Anthony E.

Sampson, Scott
Samson, Daniel

Samtani, Sagar
Samuel, Binny
Sandell, Johan
Sanders, Andrew
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Sanders, Sean
Sandoval-Almazán, Rodrigo
Sanfilippo, Filippo
Sankar, Gaayathri
Saranovic, Daniel
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Sarkar, Amitrajit
Sarkar, Avijit
Satpathy, Ashish
Sauerwein, Clemens

Saunders, Monya
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Sayer, Mitchell
Scaglione, Anna
Scardua, Mariá
Schacht, Maximilian
Schäfer, Jannika
Schafheilte, Simon
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Schechter, Aaron
Schegg, Jochen
Schegg, Michaela
Schellinger, Benjamin
Schenk, Olaf
Schewina, Kai
Schierack, Dirk

Schierholt, Christoph
Schinagl, Stef
Schindler, Christian
Schlueter Langdon, Chris
Schmidt-Kraepelin, Manuel

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Schmidt, Rainer
Schmidt, Sarah
Schmitz, Andreas
Schmitz, Anja
Schneider, João A. G.
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Schniertshauer, Johannes
Schöbel, Sofia

Schoder, Detlef

Schofield, Penelope
Schöllhammer, Tanja
Scholtysik, Michel
Schönböck, Johannes
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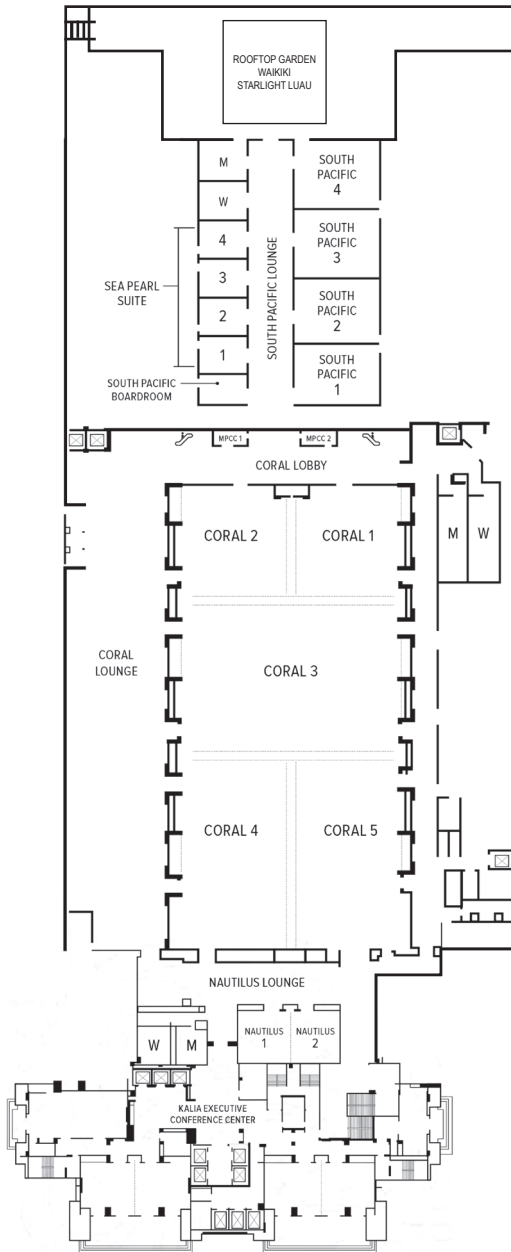
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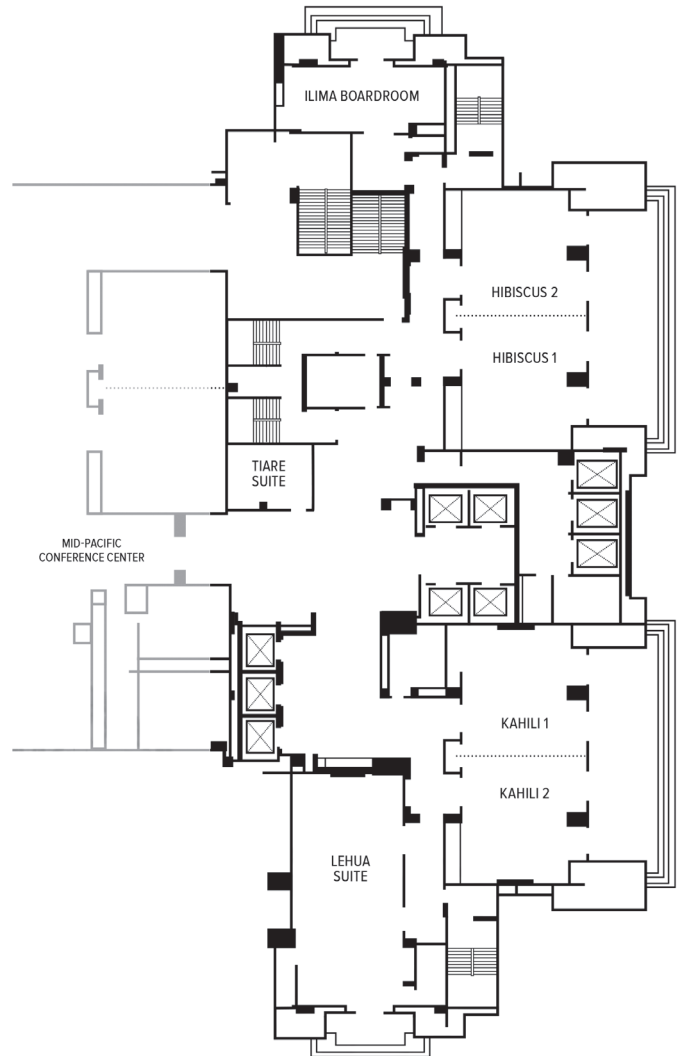
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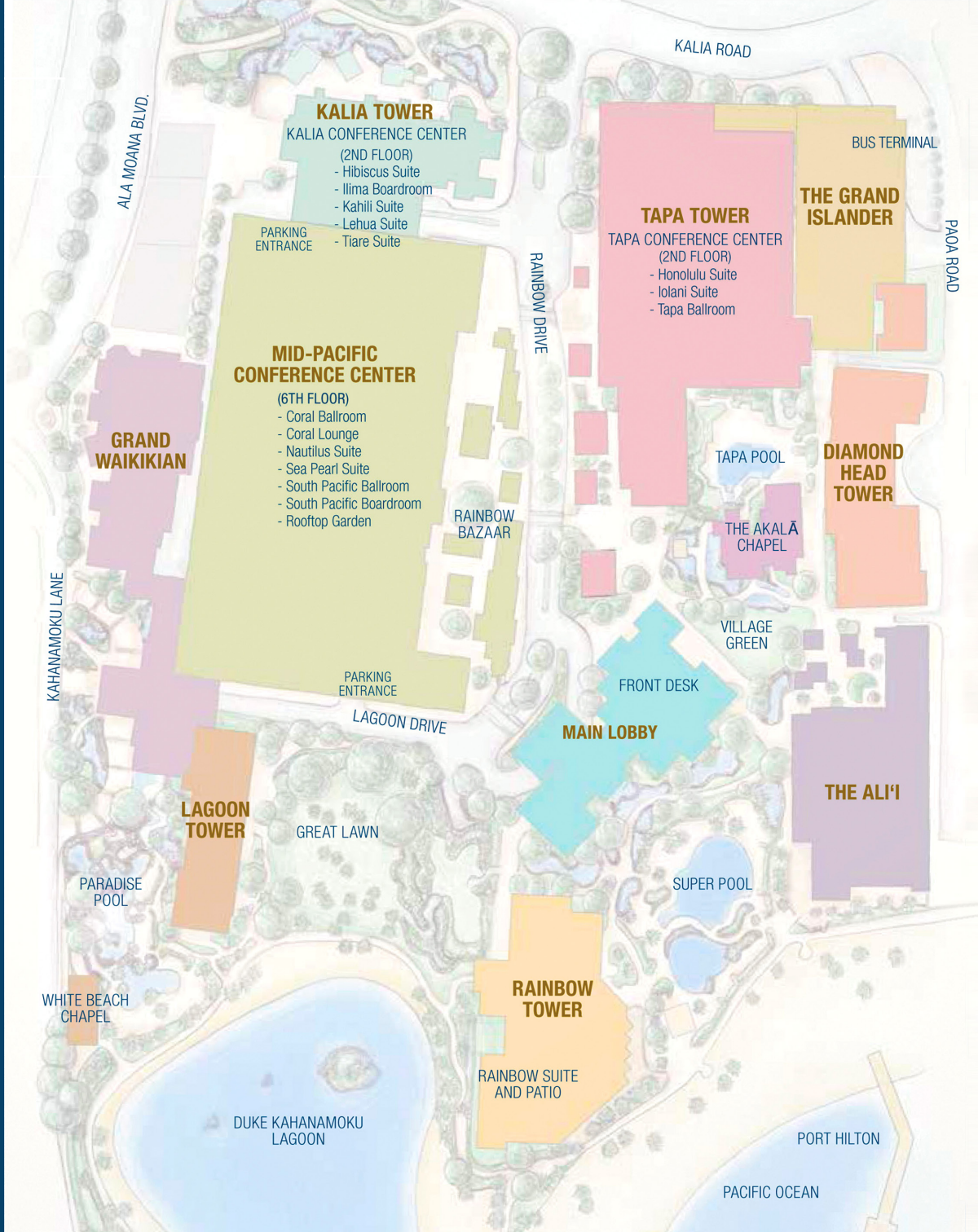
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RESORT MAP

HILTON HAWAIIAN VILLAGE WAIKIKI BEACH RESORT





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