



The Forty-Ninth Annual **HAWAI'I INTERNATIONAL CONFERENCE ON SYSTEM SCIENCES**

January 5-8, 2016
Grand Hyatt Kauai



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Electric Energy Systems

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Robert Thomas, Cornell University

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Gul Agha, University of Illinois at Urbana-Champaign
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CELEBRATING 50 YEARS OF HICSS — CALL FOR PARTICIPATION

We invite submission of :

- Symposium, Workshop, and Tutorial (SWT) Proposals;
- Minitrack Proposals;
- Papers;
- Ideas for Keynote Speakers

Please check www.hicss.org or www.hicss.hawaii.edu for more information.

Important Dates

For Symposium, Workshop, and Tutorial (SWT) Proposals

February 28, 2016 : Deadline for SWT proposal submission (11:59 pm HST).
March 28, 2016 : Notification of Acceptance/Rejection.

For Minitrack Proposals

February 6, 2016 : Submission deadline for minitrack proposal (11:59 pm HST).
February 13, 2016 : Notification of Acceptance/Rejection.

For Paper Submission

June 15, 2016 : Paper submission deadline (11:59 pm HST).
August 16, 2016 : Notification of Acceptance/Rejection.
September 15, 2016 : Deadline for authors to submit final manuscript for publication.
October 1, 2016 : Deadline for at least one author of each paper to register for HICSS-50.
October 15, 2016 : Papers without at least one registered author will be removed from HICSS-50 program and proceedings.

HICSS-49 | Overall Shedule

January 5 | Tuesday

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, but pre-order is available during the coffee break)
01:00 – 02:15	Symposia, Workshops, and Tutorials
02:15 – 02:45	Coffee Break
02:45 – 04:00	Symposia, Workshops, and Tutorials
04:15 – 05:00	Meeting - Track Chairs and Minitrack Chairs (See pp. 12-13 for location)
05:00 – 05:30	Meeting - Minitrack Chairs and Authors (See pp. 12-13 for location)
06:00 – 07:00	Welcome Reception at Shipwreck Lagoon, Hosted bar, courtesy of the Grand Hyatt Kauai

January 6 and 7 | Wednesday and Thursday

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	Distinguished Lecture / Keynote Address
02:00 – 03:30	Paper Sessions
03:30 – 04:00	Coffee Break
04:00 – 05:30	Paper Sessions
06:00 – 07:00	Pau Hana Happy Hour at Grand Garden

January 8 | Friday

07:30 – 12:00	Registration
08:00 – 09:30	Paper Sessions
09:30 – 10:00	Coffee Break
10:00 – 11:30	Paper Sessions
11:30 – 12:30	Lunch
12:35 – 12:55	Best Paper Award Ceremony
01:00 – 02:30	Paper Sessions
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03:00 – 04:30	Paper Sessions
06:00 – 09:00	Luau at Ilima Garden

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- 20** Distinguished Lecture
- 21** Keynote Address

Symposia, Workshops, and Tutorials

Big Data

- 23** Big Data and Analytics
- 23** Big Data Engineering: Architecting for Scalability
- 23** Business Analytics and Big Data - Available Resources; Preparing the Next Generation of Knowledge Workers
- 23** Fundamentals and Applications of Visual Analytics
- 24** Introduction to Big Data and Its Technology
- 24** Text Analytics at Scale on Parallel Platforms
- 24** Text Mining Challenges and Solutions in Big Data

Electronic Government

- 24** Realizing the Promise of Social Media (in Public Sector)
- 25** Smart Cities Smart Government Research-Practice Consortium

Innovation and Sustainability

- 25** Design for Innovation and Creativity
- 25** The Fourth Symposium on Sustainable Energy and Computing (SSEC) 2016
- 26** Theory to Application: Comprehensive Tools for Service Innovation from ISSIP

IT and Society

- 26** Collective Intelligence and Crowdsourcing
- 26** CompleXity: Technology for Complex Urban Systems
- 26** Culture, Gender & Accessibility: Transforming Learning & Leadership Diversity in IT
- 27** IS Insights and Contributors to Enhancing International Entrepreneurship: A Collaborative Design of a Special Issue of the International Journal of Entrepreneurship & Small Business
- 27** Learning Health System: Designing and Generalizing the Challenge of the Learning Health System, Expanding the Community, and Maintaining Momentum

27 Technologies for Healthy Aging

Scientific Inquiry and Research Methods

27 Analyzing Social Networks with R: Description, Visualization, and Modeling

28 Cognitive Foreshadowing: Next Steps in Applying Neuroscience and Cognitive Science (NCS) to Information Systems Research

28 Introduction to Social Network Analysis

28 Social Media Research

28 Synthesizing Effect Research Groups Comprising Behavioral Scientists, Software Developers, and Computer Scientists

Security

28 Credibility Assessment and Screening Technologies (CAST)

29 Cybersecurity in Action

29 Cybersecurity Competitions

29 Knowledge Unit Workshop for Cyber Security Education

Software Development Approach

29 Agile and Lean Management

29 Software Reuse and Reusability Based on Business Processes and Requirements

30 Towards Strategic Usability

Software Technologies

30 Cognitive Computing and Cognitive Assistants for Research and Teaching

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Collaboration Systems and Technologies

32 Advances in Teaching and Learning Technologies

32 Communication and Information Systems Technology for Crisis and Disaster Management

33 Creativity in Teams and Organizations

33 Cross-Organizational and Cross-Border IS/IT Collaboration

34 Data Science for Collaboration

34 Decision, Negotiation, Leadership, Social Communities and Technology

34 Design and Innovation of Social Networking Services

34 Emerging Issues in Distributed Group Decision-Making: Opportunities and Challenges

35 Global Virtual Teams

35 Human-and Task-Centered Assistance Systems

36 Human-Computer Interaction: Information Design Utilizing Behavioral, Neurophysiological, and Design Science Methods

36 IT Enabled Collaboration in Developing Countries

- 36 Mobility-enhanced Social Collaborations for Value Creation
- 37 Processes and Technologies for Small and Large Team Collaboration
- 37 Serious Games, Gamification, and Innovation
- 37 Social and Psychological Perspectives in Collaboration Research
- 37 Social Media and e-Business Transformation
- 38 Technology Mediated Collaborations in e-Health

Decision Analytics, Mobile Services, and Service Science Track

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- 39 Business Value of the Internet of Things
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- 39 Decision Support for Smart City and E-Society Services
- 39 Digital and ICT-Enabled Services
- 40 Digital Service Innovations based on “Open” Phenomena and Practices
- 40 Gamification: Motivations, Effects, and Analytics
- 40 Humanitarian Operations Research - Decision Analytics for Crisis and Disaster Management
- 40 Intelligent Decision Support for Logistics and Supply Chain Management
- 41 Interactive Visual Decision Analytics
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Digital and Social Media Track

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- 44 Collective Intelligence and Crowds: Structure, Roles, and Identity
- 44 Critical and Ethical Studies of Digital and Social Media
- 44 Data Analytics and Data Mining for Social Media
- 45 Materiality of Information, Documents and Work
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- 45 Social Computing for Sustainability
- 45 Social Media and Learning
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Electronic Government Track

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- 47 Cybersecurity
- 47 Emerging Topics in Electronic Government
- 47 Information and Communication Technologies for Development: Contributing to Human Development and Social Justice
- 47 Inside the Insider Threat
- 47 Open and Participatory Government
- 48 Policies and Strategies for Digital Government
- 48 Resilience Against Crises and Disasters
- 48 Services and Information
- 49 Smart Cities and Smart City Government
- 49 Social Media in Government
- 49 Transformational Government: Governance, Organization, and Management

Electric Energy Systems Track

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- 50 Economics, Markets, and Policy
- 51 Integrating Distributed or Renewable Generation

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- 52 Health Behavior Change Support Systems
- 52 IT Adoption, Diffusion and Evaluation in Healthcare
- 52 IT Architectures and Implementations in Healthcare Environments
- 53 Learning Health Systems
- 53 Mobile Applications and Emerging Technologies for Health Management and Wellness
- 54 Technologies for Clinical Decision-Making, Interventions, and Wellness
- 54 Technologies for Healthy Aging
- 54 User Experience Design for Health and Wellness

Internet and the Digital Economy Track

- 54 Crowdfunding and the Wisdom of the Crowds
- 55 Electronic Marketing
- 55 Global, International, and Cross-Cultural Issues in IS
- 55 Innovative Behavioral IS Security and Privacy Research
- 56 Mining, Analyzing, and Visualizing Web Content and Usage
- 56 Online Games and Game-Like Systems
- 56 Social Shopping: The Good and not so Good
- 57 The Diffusions, Impacts, Adoption and Usage of ICTs upon Society
- 57 The Internet of Everything: Connecting People, Things, and Data
- 57 Transformation Towards Cloud Computing

Knowledge Innovation and Entrepreneurial Systems Track

- 58 Confidentiality, Integrity, and Availability of Knowledge, Innovation, and Entrepreneurial Systems
- 58 Designing and Deploying Advanced Knowledge Systems
- 58 Innovation Uncertainties and Socio-Political Legitimization
- 58 Knowledge Economics
- 58 Knowledge Flows, Transfer, Sharing and Exchange
- 59 Knowledge Management Value, Success and Performance Measurements
- 59 Knowledge Society / Knowledge Sharing and Utilization in International/Global Setting
- 59 Managing Knowledge for Innovation and Agility
- 59 Organizational Learning
- 60 Reports from the Field
- 60 The Organizational Use of IT-Mediated Crowds
- 60 Tools and Software for Knowledge Management

Organizational Systems and Technology Track

- 60 Advances in Design Research for Information Systems
- 61 Analytics and Decision Support for Ecosystems
- 61 Business and Enterprise Architecture: Processes, Approaches and Challenges
- 61 Digital Innovation
- 62 Emerging Technologies and Innovations for Development
- 62 Enterprise System Integration: Issues and Answers
- 62 Human Capital and Technology in a Global Marketplace
- 62 Impacts of Information Technologies on Consumer Activities and on Business Operations

- 63 Information Security and Privacy
- 63 Information Systems Procurement and Benefits Realization
- 63 IT Governance and its Mechanisms
- 63 IT and Project Management
- 64 Open Source Application Software
- 64 Organizational Issues of Business Intelligence, Business Analytics and Big Data
- 64 Practice-based IS Research
- 64 Social-Technical Issues in Organizational Information Technologies
- 65 Society, Information, Technology, and Economics
- 65 Theory and Information Systems
- 65 Topics in Organizational Systems and Technology

Software Technology Track

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- 66 Big Data Engineering
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- 67 Cybersecurity and Software Assurance
- 67 CyberWarfare: Offensive and Defensive Software Technologies
- 67 Digital Forensics - Education, Research, and Practice
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10:15 - 10:45	Coffee Break										Coffee Break							10:15 - 10:45
10:45 - 12:00	Credibility Assessment and Screening Technologies (CAST) P. 28	Introduction to Big Data and Its Technology P. 24	Business Analytics and Big Data - Available Resources; Preparing the Next Generation of Knowledge Workers P. 23	Text Mining Challenges and Solutions in Big Data P. 24	Technologies for Healthy Aging P. 27	The Fourth Symposium on Sustainable Energy and Computing (SSEC) 2016 P. 25	Software Reuse and Reusability based on Business Processes and Requirements P. 29	Text Analytics at Scale on Parallel Platforms P. 24	Social Media Research P. 28	Introduction to Social Network Analysis P. 28	Cognitive Foreshadowing: Next Steps in Applying Neuroscience and Cognitive Science (NCS) to Information Systems Research P. 28	Cognitive Computing and Cognitive Assistants for Research and Teaching P. 30	Cybersecuiry in Action P. 29	Realizing the Promise of Social Media (in the Public Sector) P. 24	"IS Insights and Contributors to Enhancing International Entrepreneurship" A Collaborative Design of a Special Issue of the International Journal of Entrepreneurship & Small Business P. 27	CompleXity: Technology for Complex Urban Systems P. 26	Learning Health System P. 27	10:45 - 12:00
12:00 - 1:00	Lunch										Lunch							12:00 - 1:00
1:00 - 2:15	Credibility Assessment and Screening Technologies (CAST) P. 28	Big Data and Analytics P. 23	Big Data Engineering: Architecting for Scalability P. 23	Fundamentals and Applications of Visual Analytics P. 23	Collective Intelligence and Crowdsourcing P. 26	Design for Innovation and Creativity P. 25	Towards Strategic Usability P. 30	Agile and Lean Management P. 29	Social Media Research P. 28	Analyzing Social Networks with R: Description, Visualization, and Modeling P. 27	Synthesizing Effect Research Groups Comprising Behavioral Scientists, Software Developers, and Computer Scientists P. 28	Theory to Application: Comprehensive Tools for Service Innovation from ISSIP P. 26	Smart Cities Smart Government Research-Practice Consortium P. 25	Cyber Security Competitions P. 29	Culture, Gender & Accessibility: Transforming Learning & Leadership Diversity in IT P. 26	CompleXity: Technology for Complex Urban Systems P. 26	Learning Health System P. 27	1:00 - 2:15
2:15 - 2:45	Coffee Break										Coffee Break							2:15 - 2:45
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"4:15 - 5:00 Meeting - Track Chairs and Minitrack Chairs"		Collaboration Systems and Technologies	Decision Analytics, Mobile Services, and Service Science	Digital and Social Media	Electronic Government				Internet and the Digital Economy	Organizational Systems and Technology		Information Technology in Healthcare	Software Technology	Knowledge Innovation and Entrepreneurial Systems	Electric Energy Systems			"4:15 - 5:00 Meeting - Track Chairs and Minitrack Chairs"
"5:00 - 5:30 Meeting - Minitrack Chairs and Authors"		Collaboration Systems and Technologies	Decision Analytics, Mobile Services, and Service Science	Digital and Social Media	Electronic Government				Internet and the Digital Economy	Organizational Systems and Technology		Information Technology in Healthcare	Software Technology	Knowledge Innovation and Entrepreneurial Systems	Electric Energy Systems			"5:00 - 5:30 Meeting - Minitrack Chairs and Authors"
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9:30 - 10:00	Coffee Break									Coffee Break									9:30 - 10:00
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11:30 - 12:30	Lunch									Lunch									
12:45 - 1:50	Keynote Address									Keynote Address									12:45 - 1:50
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6:00 - 7:00	Pau Hana Happy Hour at Grand Garden									Pau Hana Happy Hour at Grand Garden									6:00 - 7:00

HICSS-49 | Event Schedule - Friday, January 8, 2016

Room	Garden Isle 4	Kuhio Theater	Kauai 4	Grand Ballroom 3	Grand Ballroom 1	Grand Ballroom 5	Garden Isle 5	Kauai 1	Kauai 6	Kauai 2	Garden Isle 2	Grand Ballroom 6	Garden Isle 1	Grand Ballroom 4	Kauai 5	Kauai 3	Grand Ballroom 7	Room
8:00 - 9:30	CL 15: Emerging Issues in Distributed Group Decision-Making: Opportunities and Challenges P. 34	CL 14: Design and Innovation of Social Networking Services P. 34	EG 4: Emerging Topics in Electronic Government P. 47	DA 19: Mobile Value Services P. 41	EG 2: Cybersecurity P. 47	OS 5: Business and Enterprise Architecture: Processes, Approaches and Challenges P. 61	DA 13: Gamification: Motivations, Effects, and Analytics P. 40	DSM 3: Critical and Ethical Studies of Digital and Social Media P. 44	HC 3: IT Adoption, Diffusion and Evaluation in Healthcare P. 52	OS 27: Society, Information, Technology, and Economics P. 65	IN 1: Crowdfunding and the Wisdom of the Crowds P. 54	OS 1: Advances in Design Research for Information Systems P. 60	IN 14: The Internet of Everything: Connecting People, Things, and Data P. 57	OS 21: Organizational Issues of Business Intelligence, Business Analytics and Big Data P. 64		KS 8: Managing Knowledge for Innovation and Agility P. 59	DSM 5: Data Analytics and Data Mining for Social Media P. 44	8:00 - 9:30
9:30 - 10:00	Coffee Break								Coffee Break									9:30 - 10:00
10:00 - 11:30	CL 16: Emerging Issues in Distributed Group Decision-Making: Opportunities and Challenges P. 35	CL 8: Creativity in Teams and Organizations P. 33	EG 14: Social Media in Government P. 49	DA 20: Mobile Value Services P. 41	EG 3: Cybersecurity P. 47	OS 6: Business and Enterprise Architecture: Processes, Approaches and Challenges P. 61	DA 14: Gamification: Motivations, Effects, and Analytics P. 40	DSM 4: Critical and Ethical Studies of Digital and Social Media P. 44	HC 4: IT Adoption, Diffusion and Evaluation in Healthcare P. 52	OS 28: Society, Information, Technology, and Economics P. 65	DA 12: Digital Service Innovations based on "Open" Phenomena and Practices P. 40	OS 2: Advances in Design Research for Information Systems P. 60	DA 6: Business Value of the Internet of Things P. 39	OS 22: Organizational Issues of Business Intelligence, Business Analytics and Big Data P. 64		KS 9: Managing Knowledge for Innovation and Agility P. 59	DSM 6: Data Analytics and Data Mining for Social Media P. 44	10:00 - 11:30
11:30 - 12:30	Lunch								Lunch									11:30 - 12:30
12:35 - 12:55	Best Paper Award Ceremony								Best Paper Award Ceremony									12:35 - 12:55
1:00 - 2:30	CL 12: Decision, Negotiation, Leadership, Social Communities and Technology P. 34	ST 17: Securing the Cloud and the Internet of Things P. 68	EG 12: Smart Cities and Smart City Government P. 49	DA 29: Streaming Data Analytics and Applications P. 43	ST 7: Cybersecurity and Software Assurance P. 67	CL 9: Cross-Organizational and Cross-Border IS/IT Collaboration P. 33	IN 10: Online Games and Game-Like Systems P. 56	DSM 8: Network Analysis of Digital and Social Media P. 45	HC 5: IT Adoption, Diffusion and Evaluation in Healthcare P. 52	OS 29: Society, Information, Technology, and Economics P. 65	DA 10: Digital and ICT-Enabled Services P. 39	IN 9: Mining, Analyzing, and Visualizing Web Content and Usage P. 56	DA 23: Service Analytics P. 42	OS 23: Organizational Issues of Business Intelligence, Business Analytics and Big Data P. 64		KS 13: Tools and Software for Knowledge Management P. 60	ST 18: Software Product Lines: Engineering, Services, and Management P. 69	1:00 - 2:30
2:30 - 3:00																		2:30 - 3:00
3:00 - 4:30	CL 13: Decision, Negotiation, Leadership, Social Communities and Technology P. 34	OS 10: Enterprise System Integration: Issues and Answers P. 62	EG 13: Smart Cities and Smart City Government P. 49	DA 31: Wearables and Quantified Self P. 43	ST 8: Cybersecurity and Software Assurance P. 67	CL 10: Cross-Organizational and Cross-Border IS/IT Collaboration P. 34	CL 28: Serious Games, Gamification and Innovation P. 37	DSM 9: Network Analysis of Digital and Social Media P. 45	HC 1: Global Health IT Strategies P. 51		DA 11: Digital and ICT-Enabled Services P. 40	DA 18: Interactive Visual Decision Analytics P. 41	DA 9: Decision Support for Smart City and E-Society Services P. 39	IN 11: Social Shopping: The Good and not so Good P. 56		KS 12: The Organizational Use of IT-Mediated Crowds P. 60	ST: 19 Software Product Lines: Engineering, Services, and Management P. 69	3:00 - 4:30
6:00 - 9:00	Luau at Ilima Garden								Luau at Ilima Garden									6:00 - 9:00

Wednesday January 6, 2016 at 12:45-1:50
Grand Ballroom

Wearables for your brain!

Geoffrey Mackellar
Co-founder and CTO, Emotiv Inc

The advent of smart mobile devices has spurred an avalanche of wearable technologies tracking your movements, heart rate, respiration, sleep, voice stress, location, gestures and even facial expressions, with clinical applications tracking diet, blood chemistry, gait and tremors and many other features. Our physical selves have never been better quantified and tracked, with huge datasets revealing many new insights into human behaviour and motivation. With the expanding Internet of Things we can use our mobile devices to control the physical world. And some people even make calls!

The human brain is our most complex and unique organ, defining us in almost every way. Until now, a major missing piece is an ability to monitor moods, emotions and mental performance and to use mental commands directly to control our world. A few companies have started to address pieces of this problem.

At Emotiv we have developed a hardware and software ecosystem to tackle the whole problem of forming a relationship with your brain and learning to control your devices as if by magic. In addition to immediate benefits of this technology, we invite our community to help us to amass the world's largest database of brain data collected in the real world. Our long term vision is to revolutionise the study of the human brain in real use and to make available to the research community our big data and machine learning tools to learn both how to optimise human performance and to seek out markers for mental impairments and mood disorders which afflict up to a third of the world's population. And have a lot of fun along the way!



Dr. Geoffrey Mackellar is a Chief Scientist at Emotiv where he was instrumental to the development of algorithms that deciphered the complex electrical fluctuations that can be observed at the scalp. Dr Mackellar was co-founder and Chief Scientist of Metalaser Technologies Ltd, Visiray Ltd and Dynamic Light Ltd, in Sydney, Australia. At Polartech Ltd, he developed a range of innovative medical products in the field of cancer screening

and diagnosis: Truscreen™ and Solarscan™.

Dr. Mackellar undertook a triple-major in Physics, Pure Mathematics and Applied Mathematics at University of New England. He received a Doctorate of Philosophy from Macquarie University in the field of Laser Physics. He has several published papers and has produced over 40 products ranging from microelectronic sensors to high-power laser systems.

Thursday January 7, 2016 at 12:45-1:50
Grand Ballroom

Human Factors and Social Design of Disruptive Technologies

Gilman Louie

Partner, Alsop Louie Partners

Far too often, technologists over-emphasize the value of a technological or scientific breakthrough in the context of engineering, while under-emphasizing the impact or importance of human factors and social design.

Over the next ten years, we can expect breakthroughs in science, engineering, biology and computer sciences. Many areas of current research may have a dramatic impact on society in the future. These include: autonomous and cognitive systems, virtual and augmented reality, brain research and direct interface design, the Internet of Things, big data, cyber security, robotics, and biotech.

How these areas of research will translate into new products and services will be highly dependent on the social and cultural acceptance of these technologies, and how they will be used in everyday life.

The importance of researching the social science and human factors in these areas cannot be understated. Mr. Louie will walk us through some potentially disruptive technologies and areas of potential research in the “soft” sciences.



Gilman Louie is a cofounder and partner of San Francisco-based Alsop Louie Partners, an early-stage technology venture capital firm founded in 2006. The firm focuses on disruptive and innovative technologies, and has made investments in the areas of cyber security, predictive analytics, education, and entertainment. Some of the companies the firm has led investments in include Twitch, Netwitness, Keyssa, Cleversafe, and Lookingglass Cyber Security.

Gilman was a founder and the first CEO of In-Q-Tel, an independent, nonprofit venture capital firm funded principally by the CIA to invest in high-tech companies to keep the CIA and other intelligence agencies abreast of the rapid pace of technological innovation and delivering technologies that will help solve some of the most pressing challenges. Under Gilman, In-Q-Tel invested in, and worked with, more than 80 companies that have had a significant impact on national security. Some of these companies include Arcsight, Keyhole (now Google Earth), Palantir, Language Weaver, Endeca, and Decru. Gilman is an early computer games pioneer and entrepreneur who founded a computer games company while still in college, took it public and sold it to Hasbro. He serves as a member of the board of directors of the Markle Foundation and various other companies and is chairman of the board of the Federation of American Scientists. Gilman has a long record of public service and has won dozens of awards.

Big Data



Electronic
Government



Innovation
and Sustainability



Software
Technologies



Symposia, Workshops, & Tutorials

IT and Society



Software
Development Approach



Security



Scientific Inquiry
and Research Methods



Big Data

Big Data and Analytics

Steve Kaisler, Frank Armour, Alberto Espinosa, William Money

Grand Ballroom 1

Tuesday, 1:00 - 4:00 pm

Big data is an emerging phenomenon characterized by the three Vs: volume, velocity, and variety. As the plethora of data grows, new methods for processing and understanding this data to provide actionable information for decision-makers are required in all fields. This tutorial will discuss Big Data and Analytics including types of analytics with examples of applications. It will discuss issues and challenges associated with Big Data Analytics. One of our objectives in this tutorial is to examine the current technology and socialize the role and types of analytics applicable to big data to practitioners and students who may soon be the deciders in organization and businesses requiring this type of analysis. A half-day tutorial divided into two sessions. The primary focus will be on analytic techniques rather than technology and implementation.

Big Data Engineering: Architecting for Scalability

Hong-Mei Chen, Ian Gorton

Grand Ballroom 3

Tuesday, 1:00 - 4:00 pm

This tutorial introduces the paradigm shifts as well as the nuts and bolts concepts needed to develop a big data system that aligns with business goals and innovation desires of enterprises. This tutorial will illuminate the challenges that stem from the 5Vs (volume, velocity, variety, veracity and value) of big data and crystallizes the importance of architecture design choices and technology selection in big data system development. It will introduce the state-of-the-art big data technologies and design methods for big data. It will show how downstream processes, such as testing and operations, are affected by the architectural decisions and how one can achieve scalable big data systems in practice.

Business Analytics and Big Data - Available Resources; Preparing the Next Generation of Knowledge Workers

Timothy Paul Cronan, David E. Douglas, Lorraine Gardiner

Grand Ballroom 3

Tuesday, 9:00 am - 12:00 pm

This panel provides faculty participants with a forum to learn about, discuss and identify resources for incorporating/improving the coverage of Business Analytics and Big Data in their coursework. Perspectives from academics as well as an industry perspective will prove to be very valuable for faculty as they develop/refine the incorporation of Big Data and Analytics into their curriculum. The focus is to share available resources for faculty and student use – including systems from IBM, SAP, SAS and Teradata. Specific topics include IBM's SPSS Modeler, Big Insights (Hadoop/Map Reduce), Cognos Insights, and Watson's Analytics; SAP HANA and Predictive Analytics; SAS Enterprise Guide, SAS Enterprise Miner & SAS Visual Analytics via Teradata University Network; and data sources for classroom use. This panel/workshop is intended for faculty teaching in the areas of Business Intelligence, Big Data, Statistics, and Business Analytics who want to develop new skills, enhance their curricular, have access to real-world systems/data.

Fundamentals and Applications of Visual Analytics

David Ebert, Kelly Gaither, Brian Fisher

Grand Ballroom 4

Tuesday, 1:00 - 4:00 pm

The volume and complexity of available data is increasing at an unprecedented rate. However, the human ability to analyze and comprehend data remains constant. Visual Analytics is the science of analytical reasoning facilitated by interactive visual interfaces. It combines scientific investigation of information processing in human-computer cognitive systems with the design and implementation of interactive visualization that support this processing, building upon research methods and theories from computer science, management information systems, and the cognitive, perceptual, and social sciences. This tutorial will inform and guide researchers and practitioners in the practice of interdisciplinary visual analytics research and development, and to discuss the far-reaching and practical applications of visual analytics technologies.

Introduction to Big Data and Its Technology
Steve Kaisler, Frank Armour, Alberto Espinosa, William Money

Grand Ballroom 1 **Tuesday, 9:00 am - 12:00 pm**

This session will begin with a brief introduction to big data and the challenges of working at scale. The primary focus will be to present a knowledge framework and specific suggestions for curriculum development for training data scientists based on emerging efforts across the academic community in recent years. We will map the concepts of Data and Analytic Science to this framework to show how emerging concepts in big data practice can be organized into a coherent training and research program. We will describe the components of the framework and some research challenges in each component with the intent to stimulate our audience to pursue some of these challenges. This session will also survey some of the key concepts in Big Data Technology. Various big data storage and computational architectures will be presented, including, but not limited to: NoSQL databases (e.g. HBase, Cassandra etc), MongoDB, RDF triple stores, SciDB, etc. Big data approaches and mechanisms to capture and model multimedia data as opposed to structured/tabular data will also be reviewed.

Text Analytics at Scale on Parallel Platforms
Greg Bethardy

Kauai 3 **Tuesday, 9:00 am – 12:00 pm**

This tutorial focuses on solutions for performing text analytics at scale on parallel platforms. Examples and code will be presented for approximate word matching, word importance, sentiment analysis, and topic modeling. They begin with methods for quickly preparing text data using lexical analysis and tokenization. Machine learning algorithms and classifiers are then used to generate predictive models and visualizations. The Teradata Aster Analytics Foundation and Aster R will be used during the tutorial but the demonstrated techniques are generally applicable to text analysis. Download links for virtual machines and open-source tools to reproduce example text analytic work flows will be provided.

Text Mining Challenges and Solutions in Big Data
Normand Peladeau

Grand Ballroom 4 **Tuesday, 9:00 am - 12:00 pm**

This half-day HICSS tutorial provides an introduction to text analytics. This tutorial will focus on some of the main challenges encountered by the analysts processing text data (high dimensionality, polymorphy of language, polysemy of words, misspellings) as well as on the natural language processing and statistical techniques typically used to meet these challenges. While illustrations of those challenges and techniques will be carried on using Provalis Research’s text analytics software, the workshop will be centered around the principles involved in any text analytics task, irrespective of the software used. References to existing commercial as well as open-source tools will also be provided.

Electronic Government

Realizing the Promise of Social Media (in Public Sector)
Mila Gasco, Hans Jochen Scholl, Lemuria Carter

Kauai 6 **Tuesday, 9:00 am - 12:00 pm**

During a half-day meeting, we will discuss issues such as the challenges social media pose to public administrations, the different social media strategies public administrations can follow, the contribution of social media to open government, the factors that influence social media adoption and use by governments, the role of social media in co-producing public services, or the reactions of citizens and users to different social media communication strategies. We will also evaluate the impact and the transformation brought about by social media, including quantitative and qualitative assessments. Theoretical approaches but also case studies of successes and failures will be presented in order to collect several learned lessons that may be useful for researchers and practitioners with an interest in this field.

The Smart Cities and Smart Government Research-Practice Consortium is a global research community focused on innovations in technology, management and policy that change the fabric of the world's cities. Through purposeful networking and collaborative research, the Consortium members come together to share ideas, new knowledge, and research. This Consortium meeting features a keynote speech "Global Trends in Smart City Research and Practice" by Theresa Pardo, Director of the Center for Technology in Government, University at Albany, State University of New York.

Innovation and Sustainability

Design for Innovation and Creativity

Anne Massey, Mitzi Montoya

There is a growing interest in using Design Thinking as an alternative approach to traditional problem-solving. This workshop intends to walk participants through the steps of the design inquiry process. Our goal is to demystify the process of Design Thinking, introduce participants to its tools and techniques, and offer guidelines that will help one decide what kinds of challenges are best suited for Design Thinking.

Sustainable computing is an emerging crucial area of national priority. Due to the growing energy demands, there is a pressing need to build efficient and sustainable computing environments that reduce negative environmental impacts. SSEC will cover topics that include, but are not limited to:

- Power-efficient algorithms and protocols
- Power-aware software design
- Power-aware hardware and system design
- Low-power electronics and systems
- Low-power multi-core architectures
- Low-power application-specific ASICs and FPGAs
- Power-awareness in Sensing and monitoring
- Power-awareness characterization, metrics, and modeling
- Reliability, thermal behavior and control
- Power-efficient delivery and cooling
- Life-cycle analysis of computing infrastructures
- Renewable energy models and prediction
- Computing and renewable resources
- Matching energy supply and demand
- Smart grid and microgrids
- Smart transportation and manufacturing
- Smart buildings and urban development
- Energy harvesting, storage, and recycling
- Climate and ecosystem monitoring
- Using IT to reduce carbon emissions
- Carbon metering and user feedback

NEW TO ROUTLEDGE IN 2015!

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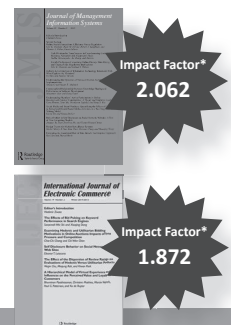
The *Journal of Management Information Systems* is a widely recognized and top-ranked forum for the presentation of research that advances the practice and understanding of organizational information systems. It serves those investigating new modes of information delivery and the changing landscape of information policy making, as well as practitioners and executives managing the information resource. A vital aim of the quarterly is to bridge the gap between theory and practice of management information systems.

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Theory to Application: Comprehensive Tools for Service Innovation from ISSIP

Heather Yurko, Gerhard Gudergan, Paul Mugge, Alexandra Medina Borja, Yassi Moghaddam

Kauai 5

Tuesday, 1:00 - 4:00 pm

This workshop will provide examples of proven methodologies to assess an organization's innovation maturity level, and how to navigate and select which industry-recognized service innovation model is the best fit for an organization's needs. PLEASE BRING A TABLET DEVICE SO THAT YOU CAN FULLY PARTICIPATE IN THIS WORKSHOP.

IT and Society

Collective Intelligence and Crowdsourcing

Jeffrey V. Nickerson, Kalle J. Lyytinen

Kauai 1

Tuesday, 1:00 - 4:00 pm

This workshop is devoted to interdisciplinary research on new forms of collective intelligence, crowdsourcing, and their effects on individual work, organizational processes and outcomes. It aims push the frontiers in theory, method and empirics. Linkages between theory, analysis, and design techniques will be discussed. Ways of performing experiments related to crowds and communities will be addressed. We will present our research and provide a forum for participants to talk about their own research. We expect to receive participation from researchers at companies such as Microsoft, Google, Facebook, Uber, and Airbnb.

Complexity: Technology for Complex Urban Systems

Dominik Kalisch, Stanislav Sobolevsky, Jose Lobo

Garden Isle 2

Tuesday, 9:00 am - 4:00 pm

The primary goal of the proposed symposium is to delineate important research milestones and challenges of studying the complex urban systems discussing applicable data sources, methodology and their current limitations. The following are some of the broad contexts that we will consider:

- City as a complex system
- Multiplex urban networks
- Sustainability and resilience of the complex urban systems
- Digital sensing of complex urban systems through multi-layered big urban data created by human activity
- Data-driven urban innovations
- Evidence based decisions in urban government

Culture, Gender & Accessibility: Transforming Learning & Leadership Diversity in IT

Nanette Levinson, Gondy Leroy

Kuhio Theater

Tuesday, 1:00 - 4:00 pm

This half-day workshop begins with a brief review of recent research on culture, gender, and diversity in IT-related fields. It continues with smaller break out groups focused on identifying and examining best practice and research needs for combatting implicit bias and fostering diversity. The final segment of the Workshop involves the small group reports and the drafting together of a consensus matrix, listing ideas discussed, needed further research and best practice as well as identifying useful resources and potential leaders.

International Society of Service Innovation Professionals, ISSIP

(pronounced i-Zip), is a non-profit professional association created by leading companies including Cisco, IBM, HP, and several universities to bring stakeholders from all parts of our global society – industry, government, academia, and other professional associations – and promote service innovation, smart service systems, and service innovators in our interconnected world.



Join us at :
www.issip.org

IS Insights and Contributors to Enhancing International Entrepreneurship:

A Collaborative Design of a Special Issue of the International Journal of Entrepreneurship & Small Business

Robert Doktor, Léo-Paul Dana, Tung Bui

Kuhio Theater

Tuesday, 9:00 am - 12:00 pm

The symposium will be a collaborative activity, the goal of which will be the organization and design as well as solicitation of papers for a Special Issue of the International Journal of Entrepreneurship and Small Business (IJESB) devoted to explore new insights from the IS discipline which may contribute to the development of the field of International Entrepreneurship globally, across all cultures and economies. While there will be two short presentations by the symposium leaders outlining the vision and mission of this Special Issue of IJESB, the primary activity of this half-day symposium will be the collaboration of HICSS participants in the organization and design of the special issue.

Learning Health System:

Designing and Generalizing the Challenge of the Learning Health System, Expanding the Community, and Maintaining Momentum

Charles Friedman, Kevin Sullivan

Garden Isle 5

Tuesday, 9:00 am - 4:00 pm

The full day HICSS-49 Learning Health System Symposium will bring together scientists spanning diverse disciplines to identify specific scientific and engineering research challenges common to all learning systems, particularly as they arise and as they are being addressed in the health and healthcare sectors. The Symposium will also present and discuss promising new technical approaches to addressing these problems and evaluating proposed solutions; and continue to grow the emerging interdisciplinary scientific research community in this area.

Technologies for Healthy Aging

Diane Cook, Maureen Schmitter-Edgecombe, Aaron Crandall

Kauai 1

Tuesday, 9:00 am - 12:00 pm

This symposium provides a forum for researchers, engineers, educators, and students to learn about the field of gerontechnology, share their state-of-the-art research, and brainstorm ideas for curriculum develop and new research collaborations. Our symposium will include a tutorial on smart home and wearable technologies, activity recognition and activity-aware services, clinical applications of technologies, and curriculum design for gerontechnology. The symposium will conclude with a roundtable discussion of future directions for gerontechnology training and research.

Scientific Inquiry and Research Methods

Analyzing Social Networks with R: Description, Visualization, and Modeling

Jenine Harris, Douglas Luke

Grand Ballroom 6

Tuesday, 1:00 - 4:00 pm

The goal of this network analysis workshop is to provide hands-on training in the methods of network description, visualization, and modeling using the R statistical platform. Participants will have the opportunity to work through a number of exercises using real-world network data. At the end of the workshop, participants will be more familiar with network analysis concepts, will have experience conducting network analysis using the R platform, will understand the basic approaches to network analysis, and will be in a better position to integrate network methods into their own work. The workshop is designed for those HICSS attendees who have taken an introductory social network analysis workshop in the past or who have some basic understanding of what social network analysis is. Participants should also have some familiarity with R, which is becoming the platform of choice for social network analysis.

**Cognitive Foreshadowing:
Next Steps in Applying Neuroscience and Cognitive Science
(NCS) to Information Systems Research**
Randall Minas, Raymond Panko, Adriane Randolph

Kauai 4 **Tuesday, 9:00 am - 12:00 pm**

The goal of this symposium is to advance the use of cognitive neuroscience and cognitive science, including testing of cognitive processes (e.g., attention and memory) in IS by bringing together researchers to share their work and insights. This symposium will present several insightful papers on its subject area and a panel discussion with senior scholars in the Neural IS field. Afterward, participants will attempt to develop a broader integrative depiction of the field.

Introduction to Social Network Analysis
Devan Rosen, George Barnett

Grand Ballroom 6 **Tuesday, 9:00 am - 12:00 pm**

Participants will be introduced to formal concepts of social networks and the systems approach, drawing conceptual parallels to participants’ research interests and providing a basis for understanding that can catalyze collaboration. Topics covered in this tutorial include an introduction to network concepts and components, methods for measurement, tips on choosing tools for analysis and visualization, and applications of social network analysis.

Social Media Research
Jason Thatcher, Robert M. Mason, Shawn Walker, Jeff Hemsley, Anatoliy Gruz, Cecilia Aragon, Tera Marie Greensmith, Vetria Byrd, Jim Thatcher

Grand Ballroom 5 **Tuesday, 9:00 am - 4:00 pm**

This year’s workshop discusses the limitations of the trace data, how to construct research questions and designs, methods for reporting results, approaches to data cleaning, and the plethora of ethical issues researchers face. We are particularly interested in providing attendees the opportunity to openly reflect and discuss these issues through a series of case studies and presentations of academic and commercial research. The morning will focus on research designs, questions, and preparing to collect data; while the afternoon will focus on issues researchers face after data collection.

**Synthesizing Effect Research Groups Comprising Behavioral
Scientists, Software Developers, and Computer Scientists**
Edward Boyer, Megan Ranney, Rochelle Rosen

Kauai 4 **Tuesday, 1:00 - 4:00 pm**

This Program will identify differences in research approach that characterize behavioral scientists, programmers and engineers. It will then discuss the advantages and disadvantages of those approaches and describe methods for creating highly functional research teams comprising disparate academic fields. Finally, the Program will discuss strategies for generating research protocols that heighten the chance for success with federal funding agencies.

Security

Credibility Assessment and Screening Technologies (CAST)
Jay F. Nunamaker, Jr., Judee K. Burgoon, Matthew L. Jensen, Thomas O. Meservy, Jeffry Proudfoot

Garden Isle 4 **Tuesday and Wednesday, 9:00 am - 4:00 pm**

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 will be discussed and debated concerning their efficiency, effectiveness, and usefulness for aiding in credibility assessment and deception detection.

Cybersecurity in Action

Tung Bui

Grand Ballroom 7

Tuesday, 9:00 am - 12:00 pm

The purpose of this symposium is to take stock of the latest developments in cybersecurity and to define an agenda for action, in particular in defining specific areas for research at future HICSS conferences. Given the extreme complexity of cybersecurity, the common goal that this symposium seeks to explore is how to minimize enterprise security risk while ensuring business continuity. Researchers with interest in cybersecurity will be invited to share their research and help sketch a HICSS agenda for research in Internet security. With a highly interdisciplinary approach to security analysis, this symposium seeks to facilitate a research framework that helps strengthen cybersecurity in action at all levels.

Cybersecurity Competitions

Gregory White

Kauai 6

Tuesday, 1:00 am - 2:15 pm

This tutorial is designed to answer the following questions: how do I choose the right competition for my program? and how do I conduct my own competition? It will cover the basics of how to develop a competition and the tools that can be used in conduction a competition. The goal is to help faculty members understand the many different types of competitions, the benefit of each type, and how to select competitions that will enhance their own classroom objectives so that they can conduct their own local competition in order to enhance their own program and the learning experiences for their students.

Knowledge Unit Workshop for Cyber Security Education

Art Conklin

Kauai 6

Tuesday, 2:45 am - 4:00 pm

This workshop offers an opportunity to provide input and feedback on the Knowledge Units used in the National Centers of Academic Excellence in Information Assurance (IA)/Cyber Defense (CD) program. The content of the KU's used in the program is one with significance to education programs and is defined with input from academics across many programs, disciplines and institutions.

Software Development Approach

Agile and Lean Management

Daniel Greening

Kauai 3

Tuesday, 1:00 - 4:00 pm

Agile and lean management techniques, such as Scrum, Extreme Programming, Kanban and Lean Startup have been employed in competitive situations requiring high levels of creativity, to help teams and individuals learn how to complete projects more rapidly and address markets more profitably. Agile methods have reduced project failure rates by more than 70% in the software industry, for example. This tutorial will answer these questions:

- What patterns of work appear in most agile methodologies?
- What are the major methodologies, and to which types of work are they most profitably applied?
- What are the most profitable areas of inquiry facing agile researchers?

Software Reuse and Reusability Based on Business Processes and Requirements

Hermann Kaindl

Garden Isle 1

Tuesday, 9:00 am - 12:00 pm

Software reuse and reusability are often addressed at the level of code or low-level design. In contrast, this tutorial explains them based on business processes and requirements. Topics that will be discussed in this tutorial include:

- The concept of reuse and reusability based on business processes and requirements
- Trade-offs between benefits and costs of reuse and reusability
- Approaches for reuse and reusability
- A new Feature-Similarity Model

Garden Isle 1

Tuesday, 1:00 - 4:00 pm

Increased usability has indubitably a positive impact on user efficiencies. However, the return on investment (ROI) of usability is underestimated and only a few companies employ usability science as a strategic asset. Participants will learn what exactly is meant by strategic usability; why strategic usability is so important for increasing the ROI of usability; how to detect and analyze the barriers to strategic usability; and how to implement strategic usability. They will then engage in a case-based workshop, in which they will practice concepts and examine opportunities towards strategic usability. The tutorial will enable them to assess and improve their skills in preparing and justifying strategic usability.

Software Technologies

Cognitive Computing and Cognitive Assistants for Research and Teaching

Dianne Fodell, Maureen Norton, James Spohrer, Haluk Demirkan

Kauai 5

Tuesday, 9:00 am - 12:00 pm

Although Big Data has been an emerging phenomenon for years, we now have technology that can help humans quickly explore, discover and take action like no other time in history. There is significant interest in what “lies beyond” data analytics. This tutorial addresses some of the issues and challenges of creating cognitive assistants for every profession to enhance human productivity, accuracy, and confidence. It will cover the many resources available for faculty who are teaching any variety of cognitive systems topics such as Machine Learning, Natural Language Processing, Pattern Recognition, Text Search and Analytics, Speech and Image Processing, Computational Linguistics, Knowledge Representation and Reasoning, Information Retrieval and Management, Human Computer Interaction, Mathematics, Statistics, Computer Science, Behavioral Science, or Social Intelligence.



As the proud sponsor of HICCS-49, the IBM team invites participants to a joint exchange of ideas in the compelling new research area of Cognitive Systems for Smarter Business and Society.

Cognitive systems continuously learn from ongoing interactions with people and information, becoming more knowledgeable and helpful over time. It won't be long before each of us has our own personal “cognitive assistant” that augments our capabilities and performance on tasks that involve vast amounts of data unthinkable a generation ago.

At HICSS-49, cognitive systems related sessions include:

- A tutorial on Cognitive Computing and Cognitive Assistants for Research and Teaching
January 5, 9:00 am – 12:00 pm at Kauai 5
- A minitrack on Smart Service Systems: Analytic, Cognition and Innovation
January 6, 2:00pm – 5:30 pm at Kauai 2
- An interactive workshop on IBM Bluemix and Cognitive Watson Services
January 7, 3:30 pm – 5:30 pm at Grand Ballroom 1

We hope to see you at any or all of these sessions!

Jim Spohrer, Director and IBM Team
IBM Global University Programs
and Cognitive Systems Institute Group

RESEARCH PAPER PRESENTATIONS BY TRACKS

**Collaboration Systems
and Technologies**

**Decision Analytics,
Mobile Services and Service Science**

Digital and Social Media

Electric Energy Systems

Electronic Government

Technology in Healthcare

Internet and the Digital Economy

**Knowledge Innovation
and Entrepreneurial Systems**

**Organizational Systems
and Technology**

Software Technology

Collaboration Systems and Technologies Track (CL)

Co-Chairs: Robert Briggs and Jay Nunamaker

Advances in Teaching and Learning Technologies

David Spencer, Timothy Ellis, Eric Santanen

CL 1 Grand Ballroom 3 Thursday, 8:00 - 9:30 am

Enhancing the Professional Vision of Teachers: A Physiological Study of Teaching Analytics Dashboards of Students' Repertory Grid Exercises in Business Education | Kostas Pantazos, Ravi Vatrappu

Creating a Sense of a Collaborative Learning Community with Google+ | Claire Ikumi Hitosugi

Standing on the Shoulders of Citizens: Exploring Gameful Collaboration for Creating Social Experiments | Casper Hartevelde, Steven C. Sutherland, Amy J. Stahl, Gillian Smith, Cigdem Talgar

CL 2 Grand Ballroom 3 Thursday, 10:00 - 11:30 am

The Role of Agency Theory and Perceived Goal Divergence in IS Continuance: A Replication and Extension Study | Tove Bøe, Boge Gulbrandsen

**Introducing Avatarification: An Experimental Examination of how Avatars Influence Student Motivation | Rabindra Ratan, RV Rikard, Celina Wanek, Madison McKinley, Lee Johnson, Young June Sah

Personalized Article Recommendation Based on Student's Rating Mechanism in an Online Discussion Forum | Chuen-He Liou

CL 3 Grand Ballroom 3 Thursday, 2:00 - 3:30 pm

Determinants of E-Learning Adoption in Universities: Evidence from a Developing Country | Eric Ansong, Sheena Lovia Boateng, Richard Boateng, John Effah

The Use of an Audience Response System to Monitor Students' Knowledge Level in Real-time, Its Impact on Grades, and Students' Experiences | Margit Kastner

The Appropriation of Collaborative Learning – Qualitative Insights from a Flipped Classroom | Andreas Janson, Matthias Söllner, Jan Marco Leimeister

CL 4 Grand Ballroom 3 Thursday, 4:00 - 5:30 pm

CSCL in STEM Education: Preliminary Findings from a Meta-Analysis | Heisawn Jeong, Cindy Hmelo-Silver, Kihyun Jo, Myungho Shin

Smart Quizzes in the Engineering Education | Sergio Antonio Andrade de Freitas, Rita de Cássia Silva, Tiago Franklin R. Lucena, Eduardo do N. Ribeiro, Victor Cotrim de Lima, Rodrigo M. S. da Silva

Geek Toys for Non-Techies? Using Robots in Introductory Programming Courses for Computer Science Non-Majors | Erica Weilemann, Philipp Brune, Dany Meyer

Communication and Information Systems Technology for Crisis and Disaster Management

Julie Dugdale, Jose J. Gonzalez, Murray Turoff

CL 5 Grand Ballroom 3 Wednesday, 10:00 - 11:30 am

#Help. The Reality of Social Media Use in Crisis Response: Lessons from a Realistic Crisis Exercise | Kenny Meesters, Lars van Beek, Bartel Van de Walle

Leveraging Bystander Reports in Emergency Response Work: Framing Emergency Managers Social Media Use | Fredrik Bergstrand, Dick Stenmark

An Overview of Public Concerns during the Recovery Period after a Major Earthquake: Nepal Twitter Analysis | Jaziar Radianti, Starr Roxanne Hiltz, Leire Labaka

Experiences in Emergency Response at the Great East Japan Earthquake and Tsunami | Yuko Murayama, Jun Sasaki, Dai Nishioka

CL 6 Grand Ballroom 3 Wednesday, 2:00 - 3:30 pm

Insights from a Simulation Model of Disaster Response: Generalization and Action Points | Jose J. Gonzalez, Leire Labaka, Starr Roxanne Hiltz, Murray Turoff

Modelling Air Pollution Crises Using Multi-agent Simulation | Sabri Ghazi, Julie Dugdale, Tarek Khadir

****A Metamodel for Knowledge Management in Crisis Management |** Frédérick Benaben, Matthieu Lauras, Sébastien Truptil, Nicolas Salatgé

New Vistas for Firefighter Information Systems? Towards a Systematic Evaluation of Emerging Technologies from a Task-Technology Fit Perspective | Sebastian Schlauderer, Sven Overhage, Julian Weidinger

CL 7 Grand Ballroom 3 Wednesday, 4:00 - 5:30 pm

Web-based Collaborative Document Writing for Emergency Management | Adrian Shatte, Jason Holdsworth, Ickjai Lee

Understanding Communications in Medical Emergency Situations | Lyuba Mancheva, Julie Dugdale

Potential of Collaborative Mapping for Disaster Relief: A Case Study of OpenStreetMap in the Nepal Earthquake 2015 | Thiago Henrique Poiani, Roberto dos Santos Rocha, Livia Castro Degrossi, João Porto de Albuquerque

Volunteered Geographic Information and its Implications for Disaster Management | Milad Mirbabaie, Stefan Stieglitz, Stephan Volkeri

Creativity in Teams and Organizations
Gert-Jan de Vreede, Roni Reiter-Palmon, Ginamarie Ligon

CL 8 Kuhio Theater Friday, 10:00 - 11:30 am

Opening the Mind: Designing 3D Virtual Environments to Enhance Team Creativity | Randall Minas, Alan Dennis, Anne Massey

Semi-Automated Questions as a Cognitive Stimulus in Idea Generation | Dominik Siemon, Taras Rarog, Susanne Robra-Bissantz

A Study on the Acceptance of Computer-Supported Morphological Analysis | Veronika Gamper, Marin Zec, Stefan Langer, Andreas Butz

****How Not to Select Ideas for Innovations: A Critique of the Scoring Method |** Graham Horton, Jana Goers, Stefan Werner Knoll

Cross-Organizational and Cross-Border IS/IT Collaboration
Ilsang Ko, Daniel Beimborn

CL 9 Grand Ballroom 5 Friday, 1:00 - 2:30 pm

SMGSC: Social-Level Macro-Governing Methodology for Cross-Management-Domain Service Collaboration Processes | Ji Gao, Hexin Lv, Zhiyong Jin, Ping Xu

Supply Chain Integration and Collaboration for improving Supply Chain Performance: A Dynamic Capability Theory Perspective | Sungbae Kang, Taesoo Moon

Supporting Joint Idea Generation with Software Prototypes in Offshore-Outsourced Software Development Projects | Maik Winkler, Thomas Huber, Jens Dibbern

Continuance Intention to Use Social Network Game: The Philippines Case | Arceli Piguig, Ilsang Ko

CL 10	Grand Ballroom 5	Friday, 3:00 - 4:30 pm
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Inculcating Institutional Infrastructure to Support International Collaboration | Airong Luo, Ted Hanss, Dave Malicke, Greg Doyle, Nadia Tagoe

IT-Based Value Co-Creation: A Literature Review and Directions for Future Research | Markus Mandrella, Sebastian Zander, Lutz M. Kolbe

The Tension between Stabilized Cooperation and Intensified Competition: Greening of Technological Frames in Practice | Fatemeh Saadatmand, Rikard Lindgren

Data Science for Collaboration
Souren Paul, Lakshmi Iyer, Lina Zhou

CL 11	Grand Ballroom 4	Thursday, 2:00 - 3:30 pm
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Detecting Knowledge Innovation through Automatic Topic Labeling on Scholar Data | Diogo Nolasco, Jonice Oliveira

Collaborative Information Service: The Security Question | Asim Kumar Pal, Subrata Bose

**An Architecture to Enhance Collaboration in Scientific Software Product Line | Anrafel F. Pereira, José Maria N. David, Regina Braga, Fernanda Campos

Decision, Negotiation, Leadership, Social Communities and Technology
Tung Bui, Melvin Shakun

CL 12	Garden Isle 4	Friday, 1:00 - 2:30 pm
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Open Strategic Planning in Universities: A Case Study | Alireza Amrollahi, Amir Hosein Ghapnchi

Seller-determined Two-attribute Reverse Auctions: The Case of Linear Utilities | Gregory E. Kersten

Enabling Computer to Negotiate with Human in E-Commerce: A Strategy Model | Mukun Cao, Lifang Peng

CL 13	Garden Isle 4	Friday, 3:00 - 4:30 pm
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**Selecting Physiological Features for Predicting Bidding Behavior in Electronic Auctions | Marius B. Müller, Marc T. P. Adam, David J. Cornforth, Raymond Chiong, Jan Krämer, Christof Weinhardt

Information Sharing for Collective Sensemaking | Yuqing Tang, Christian Lebiere, Katia Sycara, Don Morrison, Michael Lewis, Paul Smart

Design and Innovation of Social Networking Services
Bo Sophia Xiao, Eric Lim, Chee-wee Tan

CL 14	Kuhio Theater	Friday, 8:00 - 9:30 am
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Enrichment of Smart Home Services by Integrating Social Network Services and Big Data Analytics | Maximilian Wich, Tommi Kramer

Combating Online Abuse: What Drives People to Use Online Reporting Functions on Social Networking Sites | Randy Y.M. Wong, Christy M.K. Cheung, Bo Xiao

An Extended Discussion – Challenges and Opportunities in Designing Innovative Social Networking Services | Izak Benbasat

Emerging Issues in Distributed Group Decision-Making: Opportunities and Challenges
Anil Aggarwal, Doug Vogel, Yuko Murayama

CL 15	Garden Isle 4	Friday, 8:00 - 9:30 am
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Trust Development in Globally Distributed Collaboration: A Case Study in China | Xusen Cheng, Jianyue Liu, Douglas Druckenmiller, Shixuan Fu

Dysfunctional Groups: An Exploratory Study | Anil Aggarwal
Remotely Piloted Aircraft Systems (RPAS) for Extreme Missions in the Arctic and the Monitoring of the Ukraine Crisis by the Organization for Security and Co-operation in Europe (OSCE) | Harri Ruoslahti, Juha S. Knuuttila

CL 16 **Garden Isle 4** **Friday, 10:00 - 11:30 am**

Team Network Evolution while Undergoing a Lean Transformation: A Missing Success Indicator? | Jorge Colazo
A Study on the Clothes Recommendation for a Cold Region of Japan | Yuki Nakano, Dai Nishioka, Yoshia Saito, Yuko Murayama
An Empirical Taxonomy of Smartphone Users In Their Daily Distributed Decision Making | Efosa C. Idemudia, Mahesh S. Raisinghani, Placide Poba-Nzaou, Sylvestre Uwizeyemungu

Global Virtual Teams
Mike Hine, Derrick L. Cogburn

CL 17 **Grand Ballroom 3** **Wednesday, 8:00 - 9:30 am**

“Mind the Gap”: An Analysis of Communication in Agile Global Outsourced Software Development Projects | Nikolaus Schmidt, Caroline Meures
A Processual View on Social Presence Emergence in Virtual Worlds | Laura Kohonen-Aho, Pauli Alin
**When a One-Hour Time Difference Is Too Much: Temporal Boundaries in Global Virtual Work | Anu Sivunen, Niina Nurmi, Johanna Koroma

Human- and Task-Centered Assistance Systems
Bernd Kuhlentötter, Robert Weidner, Tobias Redlich

CL 18 **Garden Isle 2** **Wednesday, 2:00 - 3:30 pm**

Conceptualizing Hybrid Human-Machine Systems and Interaction | Sonja Buxbaum-Conradi, Tobias Redlich, Jan-Hauke Branding
Individual Support in Industrial Production - Outline of a Theory of Support-Systems | Robert Weidner, Athanasios Karafillidis, Jens P. Wulfsberg
A Novel Concept for Wearable, Modular and Soft Support Systems Used in Industrial Environments | Bernward Otten, Patrick Stelzer, Robert Weidner, Andreas Argubi-Wollesen, Jens P. Wulfsberg
Human- and Task-Centered Assistance Systems in Production Processes of the Textile Industry: Determination of Operator-Critical Weaving Machine Components for AR-Prototype Developmentc | Marco Saggiomo, Mario Loehrer, Daniel Kerpen, Jacqueline Lemm, Yves-Simon Gloy

CL 19 **Garden Isle 2** **Wednesday, 4:00 - 5:30 pm**

Judging the Desirability and Acceptance of Assistance Systems for the Elderly - Lessons Learned with a Fieldwork Approach | Thomas Birken, Helga Pelizäus-Hoffmeister, Petra Schweiger
A Comparative Study of an Assistance System for Manual Order Picking - called Pick-by-Projection - with the Guiding Systems Pick-by-Paper, Pick-by-Light and Pick-by-Display | Andreas Bæchler, Liane Bæchler, Sven Autenrieth, Peter Kurtz, Thomas Hoerz, Thomas Heidenreich, Georg Kruell
A Framework for Selecting and Optimizing Color Scheme in Web Design | Kevin Ferris, Xuesong (Sonya) Zhang

Human-Computer Interaction: Information Design Utilizing Behavioral, Neurophysiological, and Design Science Methods

Christoph Schneider, Joe Valacich, Angelika Dimoka

CL 20 Grand Ballroom 7 Thursday, 8:00 - 9:30 am

Understanding the Impact of Interruptions on Knowledge Work: An Exploratory Neuroimaging Study | Pankush Kalgotra, Ramesh Sharda, Roger McHaney

Reading a Newspaper on Print versus Screen: A Motivational Perspective | Dorina Rajanen, Mikko Salminen, Niklas Ravaja

Fixation Patterns During Process Model Creation: Initial Steps Toward Neuro-adaptive Process Modeling Environments | Barbara Weber, Jakob Pinggera, Manuel Neurauter, Stefan Zugal, Markus Martini, Marco Furtner, Pierre Sachse, Daniel Schnitzer

CL 21 Grand Ballroom 7 Thursday, 10:00 - 11:30 am

Social Viewing, Bullet Screen, & User Experience: A First Look | Soussan Djamassbi, Adrienne Hall-Phillips, Zaozao Liu, Wenting Li, Jing Bian

How to Design Interfaces for Product Recommendation Agents to Influence the Purchase of Environmentally-Friendly Products | Tian Yu, Izak Benbasat, Ronald T. Cenfetelli

Colors and Trust: The Influence of User Interface Design on Trust and Reciprocity | Florian Hawlitschek, Lars-Erik Jansen, Ewa Lux, Timm Teubner, Christof Weinhardt

CL 22 Grand Ballroom 7 Thursday, 2:00 - 3:30 pm

Visual Representation of Information as an Antecedent of Perceptive Efficiency: The Effect of Experience | Lisa Falschlunger, Othmar Lehner, Horst Treiblmaier, Christoph Eisl

Hands that Speak: An Integrated Approach to Studying Complex Human Communicative Body Movements | Nadir Weibel, So-One Hwang, Steven Rick, Erfan Sayyari, Dan Lenzen, Jim Hollan

Serious Games: An Evaluation Framework and Case Study | David W. Wilson, Jeff Jenkins, Nathan Twyman, Matthew Jensen, Joe Valacich, Norah Dunbar, Scott Wilson, Claude Miller, Bradly Adame, Yu-Hao Lee, Judee Burgoon, Jay F. Nunamaker

IT Enabled Collaboration in Developing Countries

Xusen Cheng, Xiangbin Yan, Deepinder Bajwa

CL 23 Grand Ballroom 6 Thursday, 2:00 - 3:30 pm

OpenLabs - Open Source Microfactories Enhancing the FabLab Idea | Manuel Moritz, Tobias Redlich, Sonja Buxbaum-Conradi, Sissy-Ve Basmer-Birkenfeld, Babsile Daniel Osunyomi, Jens Wulfsberg, Pascal Krenz, Susanne Heubischl

Investigating Trust Factors in Global Virtual Collaboration: A Case Study of a Manufacturing Company in China | Xusen Cheng, Jianyue Liu, Jianqing Huang, Xiangbin Yan, Yajing Han

Promoting Health Behaviors with Help of Online Social Ties: An Exploratory Study | Yumei Li, Xiangbin Yan, Yong Tan

CL 24 Grand Ballroom 6 Thursday, 4:00 - 5:30 pm

A Personality Matching-aided Approach for Supervisor Recommendation | Mingyu Zhang, Jianshan Sun, Jian Ma, Tailai Wu, Zhiying Liu

Research on Optimal Selection Strategy of Search Engine Keywords Based on Multi-armed Bandit | Juan Qin, Wei Qi, Baojian Zhou

**Diversified Recommendation Incorporating Item Content Information Based on MOEA/D | Jinkun Wang, Yezheng Liu, Jianshan Sun, Yuanchun Jiang, Chunhua Sun

Mobility-enhanced Social Collaborations for Value Creation

Stephen Choi, Kun Chang Lee

CL 25 Boardroom Wednesday, 2:00 - 3:30 pm

Investigating the Influence of Offline Friendship on Twitter Networking Behaviors | Youngsoo Kim, Felicia Natali, Feida Zhu, Eepeng Lim

The Positive Spillover Effect of Mobile Social Games on App Literacy | Mi Hyun Lee, Sang Pil Han, Sungho Park, Wonseok Oh

Doug Derrick, Imed Boughzala, Christopher B.R. Diller

CL 26	Garden Isle 5	Wednesday, 2:00 - 3:30 pm
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****A Goal-oriented Approach for Designing Collaboration Processes | Bahar Ghadiri Bashardoost, Kelly Lyons, Rock Leung**

Development of a Peer-Creation-Process to Leverage the
Power of Collaborative Knowledge Transfer | Sarah Oeste-
Reiß, Matthias Söllner, Jan Marco Leimeister

Advancing Collaboration Engineering: New ThinkLets for
Dyadic Problem Solving and an Application for Mobile
Advisory Services | Gerhard Schwabe, Robert O. Briggs,
Tobias Giesbrecht

CL 27	Garden Isle 5	Wednesday, 4:00 - 5:30 pm
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Supporting Organizational Sensemaking with Collaboration Engineering | Sami Jantunen, Tapio Koivisto

A Survey on Volunteer Management Systems | Johannes
Schönböck, Markus Raab, Josef Altmann, Elisabeth
Kapsammer, Angelika Kusel, Birgit Pröll, Werner
Retschitzegger, Wieland Schwinger

An Investigation of Problem Formulation Comprehensiveness
on Solution Novelty and Elegance in Team Collaboration |
Leif Lundmark, Douglas C. Derrick, John D. Crowe, Margaret
Lunn, Gina S. Ligon

Serious Games, Gamification and Innovation

Imed Boughzala, H  l  ne Michel

CL 28	Garden Isle 5	Friday, 3:00 - 4:30 pm
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Questlab: A Web-Framework for Gamification of Seminars |
Oliver Hanraths, Anja Wintermeyer, Kathrin Knautz

Increasing the Creative Output at the Fuzzy Front End of Innovation – A Concept for a Gamified Internal Enterprise Ideation Platform | Eric Zimmerling, Patrick J. Höflinger, Philipp Sandner, Isabell M. Welp

Improving Decision Making Skills through Business Simulation Gaming and Expert Systems | Alexander Fuchsberger

Characterizing Serious Games Implementation's Strategies: Is Higher Education the New Playground of Serious Games? | H  l  ne Michel

Social and Psychological Perspectives in Collaboration Research

Gert-Jande Vreede, Triparna de Vreede

CL 29	Garden Isle 5	Wednesday, 8:00 - 9:30 am
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**A Systematic Literature Review on the Relation of Information Technology and Information Overload | Nikolai Sobotta

How E-Mail Threads Contribute to E-Mail Overload: Investigating Intrinsic, Extraneous, and Germane Cognitive Load | Nikolai Sobotta

Philosophy of Collaboration | Nils Randrup, Douglas
Druckenmiller, Robert O. Briggs

CL 30	Garden Isle 5	Wednesday, 10:00 - 11:30 am
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Measurement and Outcomes of Identity Communication in Virtual Teams | Susan Brown, Sherry Thatcher, David Wilson

How IT-artifacts Disturb Advice Giving – Insights From
Analyzing Implicit Communication | Mehmet Kilic, Mateusz
Dolata, Gerhard Schwabe

CL 31: Social Media and e-Business Transformation

Christy Cheung, Matthew K. O. Lee, Christian Wagner

CL 31	Kauai 1	Thursday, 2:00 - 3:30 pm
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****Measuring the Perceived Functional Affordances of Collaborative Innovation Networks in Social Product Development** | Kaveh Abhari, Elizabeth J. Davidson, Bo Xiao

Do Others' Opinion Matter? Investigating the Impact of Gender Differences on Trustworthiness of e-WOM | Fei Liu, Bo Xiao, Eric T.K. Lim, Chee-Wee Tan

Moving On: Predicting Continuance Intention on Social Networking Sites through Alternative Products | Christopher Sibona, Judy Scott

CL 32 **Kauai 1** **Thursday, 4:00 - 5:30 pm**

Understanding the Factors Influencing the Online Group Buying Behavior from a Pull-Push Perspective | Yongqiang Sun, Xiao-Liang Shen, Nan Wang

Group Bundling versus Traditional Bundling in e-Commerce: A Field Experiment | Ahmed Doha, Maryam Ghasemaghahi, Khaled Hassanein

Technology Mediated Collaborations in e-Health
Souren Paul, Arkalgud Ramaprasad, Nilmini Wickramasinghe

CL 33 **Kauai 6** **Wednesday, 4:00 - 5:30 pm**

Exploring Cloudy Collaboration in Healthcare: An Evaluation Framework of Cloud Computing Services for Hospitals | Fangjian Gao, Scott Thiebes, Ali Sunyaev

The Application of Activity Theory to Explain Collaborative Technology Use in Healthcare: The Case of a Chemotherapy Ordering System | Jana Riechert, Carolin Durst, Nilmini Wickramasinghe

Balancing Priorities: A Field Study of Coordination in Distributed Elder Care | Troels Mønsted, Andreas Kaas Johansen, Frederik Lauridsen, Vlad Manea, Konstantin Slavin-Borovskij

An Ontological Health Cluster Framework | Keith Toh, Margaret Heffernan, Vass Karpathiou, Arkalgud Ramaprasad, Nilmini Wickramasinghe

Decision Analytics, Mobile Services, and Service Science Track (DA)
Co-Chairs: Christer Carlsson and Haluk Demirkan

Addressing Grand Challenges with Systems Sciences
Minitrack Chair: Daniel Soper

DA 1 **Grand Ballroom 4** **Thursday, 4:00 - 5:30 pm**

Life Coach: Using Big Data and Analytics to Facilitate the Attainment of Life Goals | Joseph A. Cazier, Jennifer A. Green

Analytics, Information Systems and Decision Technologies for Sustainability
Omar El-Gayar, PingSun Leung, Arno Scharl

DA 2 **Grand Ballroom 6** **Wednesday, 2:00 - 3:30 pm**

****Energy Points: A New Approach to Optimizing Strategic Resources by Leveraging Big Data | Nigel P. Melville, Ory Zik**

Decision Model for Sustainable Electricity Procurement Using Nationwide Demand Response | Joscha Märkle-Huß, Stefan Feuerriegel, Dirk Neumann

Engaging Consumers in Ethical Consumption: The Effect of Real-time Environmental Information on Eco-friendly Consumer Choice | Laurie Giddens, Lazaros Goutas, Dorothy Leidner, Juliana Sutanto

DA 3 **Grand Ballroom 6** **Wednesday, 4:00 - 5:30 pm**

Towards Ecological Workflow Patterns as an Instrument to Optimize Business Processes with Respect to Ecological Goals | Patrick Lübbecke, Peter Fettke, Peter Loos

Extracting Opinion Targets from Environmental Web Coverage and Social Media Streams | Albert Weichselbraun, Arno Scharl, Stefan Gindl

Big Data Analytics: Concepts, Methods, Techniques
Stephen Kaisler, Frank Armour, Alberto Espinosa

DA 4 **Grand Ballroom 6** **Wednesday, 8:00 - 9:30 am**

Analysis of How Underlying Topics in Financial News Affect Stock Prices Using Latent Dirichlet Allocation | Stefan Feuerriegel, Antal Ratku, Dirk Neumann

Information Processing in Securitized Real Estate Markets | Jan-Otto Jandl

How Do Investor Relations Related Disclosures on Facebook Contribute to a Company's Information Environment? | Tawei Wang, Hsiao-Lun Lin, Ju-Chun Yen

DA 5 Grand Ballroom 6 Wednesday, 10:00 - 11:30 am

****Latticing and Device-Histories: Dynamic Customer Profiling for Mobile Advertising Campaigns | Donald Kridel, Daniel Dolk**
A Framework of Value Creation from Business Intelligence and Analytics in Competitive Sports | Olivier Caya, Adrien Bourdon
The Big Data Analytics Gold Rush: A Research Framework for Coordination and Governance | J. Alberto Espinosa, Frank Armour

Business Value of the Internet of Things

Fred Riggins, Samuel Fosso Wamba, Matthias Dehmer

DA 6 Garden Isle 1 Friday, 10:00 - 11:30 am

Big Data Analytics-enabled Supply Chain Transformation: A Literature Review | Mondher Feki, Imed Boughzala, Samuel Fosso Wamba

Data, Text and Web Mining for Business Analytics

Minitrack Chair: Dursun Delen

DA 7 Grand Ballroom 6 Thursday, 8:00 - 9:30 am

****Detecting Negation Scopes for Financial News Sentiment Using Reinforcement Learning | Nicolas Pröllochs, Stefan Feuerriegel, Dirk Neumann**

Augmenting Text Mining Approaches with Social Network Analysis to Understand the Complex Relationships among Users' Requests: A Case Study of the Android Operating System | Chan Won Lee, Sherlock A. Licorish, Bastin Tony Roy Savarimuthu, Stephen G. MacDonell

A Unified Framework for Fine-Grained Opinion Mining from Online Reviews | Hao Wang, Chen Zhang, Hongzhi Yin, Wei Wang, Jun Zhang, Fanjiang Xu

Using Semi-supervised Learning for the Creation of Medical Systematic Review: An Exploratory Analysis | Prem Timsina, Jun Liu, Omar El-Gayar, Yanyan Shang

DA 8 Grand Ballroom 6 Thursday, 10:00 - 11:30 am

Enhancing Retrieval and Ranking Performance for Media Search Engine by Deep Learning | Xugang Ye, Jingjing Li, Zijie Qi, Xiaodong He

Research on Stock Network Modeling and Risk Propagation Based on Complex Network Analysis | Xin Jin, Ying Wu, Chu Jin

Comparing European and North American IS Research Using Concept Frequency Analysis: Methods and Preliminary Findings | Daniel S. Soper, Ofir Turel

Firm Failure Timeline Prediction: Math Programming Approaches | Young U. Ryu

Decision Support for Smart City and E-Society Services

Wei Xu, Jian Ma

DA 9 Garden Isle 1 Friday, 3:00 - 4:30 pm

Predicting Travel Volumes for Long-Distance Coach Services through Big Data Analytics - A Case Study on German Public Viewing Events during the UEFA EURO 2016 | Corinna Fohrholz, Christian Glaschke

Person-Oriented Modeling Methodology: A Case Study on Personal Credit Scoring | Qingyuan Xu, Ningchen Wang

Digital and ICT-Enabled Services

Tuure Tuunanen, Tilo Boehmann, Ola Henfridsson

DA 10 Garden Isle 2 Friday, 1:00 - 2:30 pm

****From Fuzzy Exploration to Transparent Advice: Insights into Mobile Advisory Services | Tino Comes, Gerhard Schwabe**

Value Co-Creation and Co-Destruction in an IS Artifact: Contradictions of Geocaching | Tero Vartiainen, Tuure Tuunanen

A Purpose-Based Typology for Systemic Features Enabling Value Co-Creation in Consumer Information Systems | Karri Mikkonen, Jose Teixeira, Mikko Pynnönen, Kari Korpela, Jukka Hallikas

DA 11 Garden Isle 2 Friday, 3:00 - 4:30 pm

Exploring vs. Enjoying: The Choice between Hedonic IS in Post-Adoption Scenarios | Philipp Hechler, Friedrich Born, Julia Kroenung

A Taxonomy of Industrial Service Systems Enabled by Digital Product Innovation | Matthias M. Herterich, Thilo Buehnen, Falk Uebernickel, Walter Brenner

Digital Service Innovations based on “Open” Phenomena and Practices

Juho Lindman, Matti Rossi, Virpi Kristiina Tuunainen

DA 12 Garden Isle 2 Friday, 10:00 - 11:30 am

The Dynamics of Digital Platform Innovation: Apple’s Strategy to Control Modular and Architectural Innovation in iOS | Ben Eaton

****Digital Service Innovation from Open Data: Exploring the Value Proposition of an Open Data Marketplace | Göran Smith, Hosea Ayaba Ofe, Johan Sandberg**

The Evolution of a Sharing Platform into a Sustainable Business | Ioanna Constantiou, Ben Eaton, Virpi Kristiina Tuunainen

Gamification: Motivations, Effects, and Analytics
Juho Hamari, Petri Parvinen

DA 13 Garden Isle 5 Friday, 8:00 - 9:30 am

Design Strategies for Gamified Physical Activity Applications for Older Adults | Dennis L. Kappen, Lennart E. Nacke, Kathrin M. Gerling, Lia E. Tsotsos

The Impact of Gamification-Induced Emotions on In-Car IS Adoption – The Difference between Digital Natives and Digital Immigrants | Carolin Ebermann, Everlin Piccinini, Benjamin Brauer, Sebastian Busse, Lutz Kolbe

****When Competition is the Loser | Robin Stefan Brouwer**

DA 14 Garden Isle 5 Friday, 10:00 - 11:30 am

Reimagining Gamification through the Lens of Activity Theory | Hendranus Vermeulen, James Gain, Patrick Marais, Siobhan O’Donovan

Monitoring Gamification in International Patent Documents: Technology Classes, Firms and Preliminary Value Indicators | Patrick J. Höflinger, Eric Zimmerling

Why do People Buy Virtual Goods? A Literature Review | Juho Hamari, Lauri Keronen

Humanitarian Operations Research - Decision Analytics for Crisis and Disaster Management
Erik Kropat, Silja Meyer-Nieberg

DA 15 Grand Ballroom 4 Thursday, 4:00 - 5:30 pm

Disaster Management and Social Media Use for Decision Making by Humanitarian Organizations | Alivelu Mukkamala, Roman Beck

****A Multi-layered Adaptive Network Approach for Shortest Path Planning During Critical Operations in Dynamically Changing and Uncertain Environments | Erik Kropat, Silja Meyer-Nieberg**

Intelligent Decision Support for Logistics and Supply Chain Management
Stefan Voss, Hans-Jurgen Sebastian

DA 16 Garden Isle 2 Wednesday, 8:00 - 9:30 am

Strategic Decision Support for the Bi-objective Location-Arc Routing Problem | Sandra Huber

Integrating Side Payments into Collaborative Planning for the Distributed Multi-Level Unconstrained Lot Sizing Problem | Jörg Homberger, Hermann Gehring, Tobias Buer

Modular Modeling and Optimization of Temporal Manufacturing Processes with Inventories | Mohan Krishnamoorthy, Alexander Brodsky, Daniel A. Menascé

DA 17 Garden Isle 2 Wednesday, 10:00 - 11:30 am

Supply Chain Capabilities and Information Technology Characteristics: Interaction Effects on Firm Performance | Soojung Oh, Young U. Ryu, Hongsuk Yang

A Mathematical Programming Model for Matching Sequential Activities in Logistics Systems with Tolerance for Erroneous or Missing Data | L. Douglas Smith, Jan Fabian Ehmke

Open Forum on Future Perspectives of Intelligent Decision Support for Logistics and Supply Chain Management

Interactive Visual Decision Analytics

David S. Ebert, Brian Fisher, Kelly Gaither

DA 18 Grand Ballroom 6 Friday, 3:00 - 4:30 pm

Mixed-Initiative for Big Data: The Intersection of Human + Visual Analytics + Prediction | Stephen Makonin, Daniel McVeigh, Wolfgang Stuerzlinger, Khoa Tran, Fred Popowich

The Human-Computer System: Towards an Operational Model for Problem Solving | William Ribarsky, Brian Fisher

ParallelSpaces: Simultaneous Exploration of Feature and Data for Hypothesis Generation | Deokgun Park, Jungu Choi, Niklas Elmqvist

The Personal Equation of Interaction for Categorization of Composite Glyphs | Tera Marie Greensmith

Mobile Value Services

Pirkko Walden, Tomi Dahlberg, Esko Penttinen

DA 19 Grand Ballroom 3 Friday, 8:00 - 9:30 am

Business Models for Free Digital Goods and Services | Nicole Eling, Christian Büchner, Peter Buxmann

Business Model Change and Refinement along Business Model Lifecycle: Evidences From a Multiple Case Study on Mobile Telecommunications New Ventures | Antonio Ghezzi, Andrea Cavallaro

Mobile Banking Services Continuous Usage – Case study of Finland | Aijaz A. Shaikh, Heikki Karjaluo

DA 20 Grand Ballroom 3 Friday, 10:00 - 11:30 am

Addiction to Mobile Phone or Addiction through Mobile Phone? | Behrooz Davazdahemami, Bryan Hammer, Amr Soror

The Impact of Mere Exposure Effect on Smartphone Addiction | Chongyang Chen, Kem Z.K. Zhang, Sesia J. Zhao, Matthew K.O. Lee, Tianjiao Cong

Multi-Criteria Decision Analysis and Support Systems

Rakesh Sarin, Heinz Roland Weistroffer

DA 21 Garden Isle 4 Thursday, 8:00 - 9:30 am

**Tailoring Group Package Recommendations to Large Heterogeneous Groups Based on Multi-Criteria Optimization | Hanan Mengash, Alexander Brodsky

Improving Technology Investment Decisions at Hospitals through System Dynamics and Decision Analysis | Alba Rojas-Cordova, Arash Baghaei-Lakeh, Hui Zhang, Christian Wernz, Hazhir Rahmandad, Anthony D. Slonim, Ari Caroline

Testing Best Practices to Reduce the Overconfidence Bias in Multi-Criteria Decision Analysis | Valentina Ferretti, Sule Guney, Gilberto Montibeller, Detlof von Winterfeldt

DA 22 Garden Isle 4 Thursday, 10:00 - 11:30 am

Multiobjective Decision Analysis with Probability Management for Systems Engineering Trade-off Analysis | Alex MacCalman, Gregory S. Parnell

Service Analytics

Hansjörg Fromm, Thomas Setzer, Gerhard Satzger

DA 23 **Garden Isle 1** **Friday, 1:00 - 2:30 pm**

****Application of Hidden Markov Model to Analyze Enthusiasts' Dynamics of A Lifestyle Brand |** Stephane Cheung, Yasuyuki Shirai, Hiroyuki Morita, Hiroyuki Takashima, Masakazu Nakamoto, Edward Hak-Sing Ip

Subjective Norms and Customer Adoption of Mobile Banking: Taiwan and Vietnam | Chih-Chin Liang

Business Analysis of Digital Discourse for New Service Development: A Theoretical Perspective and a Method for Uncovering the Structure of Social Representations for Improved Service Development | Friedrich Chasin

Service Science

Paul Maglio, Fu-ren Lin, Michael Shaw

DA 24 **Kauai 2** **Wednesday, 8:00 - 9:30 am**

Designing Institutional Complexity to Enable Innovation in Service Ecosystems | Kaisa Koskela-Huotari, Jaakko Siltaloppi, Stephen L. Vargo

Designing a Peer-to-Peer Sharing Service as Fuel for the Development of the Electric Vehicle Charging Infrastructure | Martin Matzner, Friedrich Chasin, Moritz von Hoffen, Florian Plenter, Jörg Becker

Enablers and Mechanisms of Value Cocreation in Knowledge-Intensive Business Service Engagements: A Research Synthesis | Lysanne Lessard, Chidinma Priscilla Okakwu

DA 25 **Kauai 2** **Wednesday, 10:00 - 11:30 am**

****In-Store Gamification: Testing a Location-Based Treasure Hunt App in a Real Retailing Environment |** Marcus Olsson, Johan Högberg, Erik Wästlund, Anders Gustafsson

Digital Health Platform Complementor Motives and Effectual Reasoning | Anssi Smedlund

Decisions in Mobility Service Networks – Coordinating Demand and Supply Using a Mechanism Design Approach | Christopher Lisson, Nico Roedder, Philipp Stroehle, Christof Weinhardt

Structure, Content and Use of IT Service Catalogs – Empirical Analysis and Development of a Maturity Model | Felicitas Nord, Regine Dörbecker, Tilo Böhmman

Smart Service Systems: Analytic, Cognition & Innovation

Haluk Demirkan, Jim Spohrer, Ralph Badinelli

DA 26 **Kauai 2** **Wednesday, 2:00 - 3:30 pm**

Learning Track Representation and Trends for Conference Analytics | Pengfei Liu, Shoaib Jameel, King Keung Wu, Helen Meng

How to Effectively Train IBM Watson: Classroom Experience | Syed Shariyar Murtaza, Paris Lak, Ayse Bener, Armen Pischdotchian

****RFPcog: Linguistic-based Identification and Mapping of Service Requirements in Request for Proposals (RFPs) to IT Service Solutions |** Hamid R. Motahari-Nezhad, Juan M. Cappi, Taiga Nakamura, Mu Qiao

DA 27 **Kauai 2** **Wednesday, 4:00 - 5:30 pm**

Work-Life Optimization: Using Big Data and Analytics to Facilitate Work-Life Balance | James A. Westwood, Joseph A. Cazier

Out of Vocabulary Words Decrease, Running Texts Prevail and Hashtags Coalesce: Twitter as an Evolving Sociolinguistic System | Suman Kalyan Maity, Bhadreswar Ghuku, Abhishek Upmanyu, Animesh Mukherjee

Converged Reality: A Data Management Research Agenda for a Service-, Cloud-, and Data-driven Era | Michael Smit

Soft Computing

Rudolf Kruse, Gabriella Pasi, Jose Alonso

DA 28 **Garden Isle 4** **Thursday, 10:00 - 11:30 am**

ε Constrained CCPSO with Different Improvement Detection Techniques for Large-Scale Constrained Optimization | Chen Peng, Qing Hui

Determination of Event Patterns for Complex Event Processing Using Fuzzy Unordered Rule Induction Algorithm with Multi-Objective Evolutionary Feature Subset Selection | Nijat Mehdiyev, Julian Krumeich, Dirk Werth, Peter Loos

Streaming Data Analytics and Applications

Mehmed Kantardzic, Jozef Zurada

DA 29 **Grand Ballroom 3** **Friday, 1:00 - 2:30 pm**

Real-Time Driving Monitor System: Combined Cloud Database with GPS | Wei-Yen Hsu, Kun-Sin Lien, Yu-Chan Wang, Yu-Ting Zheng, Guan-Han Li

Smart Preprocessing Improves Data Stream Mining | Hanqing Hu, Mehmed Kantardzic

Epoch Persistence: Safe, Efficient, On-Demand Rendering for Streaming Data | Joseph A. Cottam, Andrew Lumsdaine

Systemic Financial Risk Analytics

Peter Sarlin, Tuomas Peltonen

DA 30 **Kauai 5** **Thursday, 4:00 - 5:30 pm**

****The Effect of Diversification on Financial Contagion** | Xian Cheng, Xinbo Sun, Stephen Shaoyi Liao, Zhongsheng Hua, Xiaolu Yang, Mengshen Huang

A R-SOM Analysis of the Link between Financial Market Conditions and a Systemic Risk Index based on ICA-factors of Systemic Risk Measures | Patrick Kouontchou, Amaury Lendasse, Yoan Miche, Alejandro Modesto, Peter Sarlin, Bertrand Maillet

Wearables and Quantified Self

Tayfun Keskin, Deanna Kennedy, Hugo Parades

DA 31 **Grand Ballroom 3** **Friday, 3:00 - 4:30 pm**

A Resource Complementarity View (RCV) of Value Creation in the Context of Connected Smart Devices | Aaron Baird, Frederick J. Riggins

Crowdfunding for Financing Wearable Technologies | Fehmi Tanrisever, Karen-Ann Wismans - Voorbraak

A Pricing Model for the Internet of Things Enabled Smart Service Systems | Deanna Kennedy, Tayfun Keskin

Digital and Social Media Track (DSM) Co-Chairs: Kevin Crowston and Karine Nahon

Co-Creating Innovations

Carina Ihlström Eriksson, Birgitta Bergvall-Kåreborn

DSM 1 **Garden Isle 2** **Thursday, 2:00 - 3:30 pm**

Designing for Positive User Experience in Product Design: A Qualitative Analysis of Toolkit Design Elements and their Implications on Emotional Reactions and Perceptions | Kathrin Füller, Markus Böhm, Helmut Krcmar

The Dual Nature of Information Systems in Enabling a New Wave of Hardware Ventures: Towards a Theory | Frederik von Briel, Jan Recker

The Use of Social Media Tools in the Product Life Cycle Phases: A Systematic Literature Review | Jeremi Roch, Elaine Mosconi

Collective Intelligence and Crowds: Structure, Roles, and Identity

Jeffrey Nickerson, Pnina Fichman, Donald Steiny

DSM 2 Garden Isle 2 Thursday, 4:00 - 5:30 pm

Tweeting Like Taylor Swift? Affordances, Status Production, and Online Platforms | Stefan Seidel, Nicholas Berente, Stefan Debortoli, Nikhil Srinivasan

Informating Transport Transparency | Magnus Andersson, Henrik Sternberg

**Risk Taking in Online Crowdsourcing Tournaments | Tim Straub, Timm Teubner, Christof Weinhardt

Critical and Ethical Studies of Digital and Social Media
Mintirack Chair: Robert Mason, Mary Gray, Tarleton Gillespie

DSM 3 Kauai 1 Friday, 8:00 - 9:30 am

A Fair Exchange: Exploring How Online Privacy is Valued | Michael A. Katell, Sonali R. Mishra, Ligaya Scaff

The Political Economy of Creative Entrepreneurship on Digital Platforms: Case Study of Etsy.com | Samantha Close

Software Update Unrest: The Recent Happenings Around Tinder and Tesla | Amelia Acker, Brian Beaton

DSM 4 Kauai 1 Friday, 10:00 - 11:30 am

***“We Aren’t All Going to Be on the Same Page About Ethics:” Ethical Practices and Challenges in Research on Digital and Social Media | Katie Shilton, Sheridan Sayles

A Critical Reflection on Social Media Research Using an Autoethnographic Approach | Jordan Eschler

Data Analytics and Data Mining for Social Media
David J Yates, Jennifer Xu, Dominique Haughton, Xiangbin Yan

DSM 5 Grand Ballroom 7 Friday, 8:00 - 9:30 am

Can Visualization Techniques Help Journalists to Deepen Analysis of Twitter Data? Exploring the “Germany 7 x 1 Brazil” Case | Caroline Q. Santos, Roberto Tietzmann, Marcelo Träsel, Sílvia Moraes, Isabel H. Manssour, Milene S. Silveira

Success Factors of Online Petitions: Evidence from Change.org | Ahmed El Noshokaty, Shuyuan Deng, Dong-Heon Kwak

Predicting Twitter Hashtags Popularity Level | Shing H. Doong

Analysing the Usage of Wikipedia on Twitter: Understanding Inter-Language Links | Eva Zangerle, Georg Schmidhammer, Günther Specht

DSM 6 Grand Ballroom 7 Friday, 10:00 - 11:30 am

**Brand-Related Twitter Sentiment Analysis Using Feature Engineering and the Dynamic Architecture for Artificial Neural Networks | David Zimbra, M. Ghiassi, Sean Lee

Rumors at the Speed of Light? Modeling the Rate of Rumor Transmission during Crisis | Li Zeng, Kate Starbird, Emma S. Spiro

The People Have Spoken: Conflicting Brazilian Protests on Twitter | Cassia de Souza Carvalho, Fabricio Olivetti de França, Denise Hideko Goya, Claudio Luis de Camargo Penteado

Measuring Emotion Bifurcation Points for Individuals in Social Media | Jiandong Zhou, Yanping Zhao, Huaping Zhang, Tianming Wang

Materiality of Information, Documents and Work

Carsten Osterlund, David Ribes, Daniela Rosner

DSM 7 **Garden Isle 4** **Thursday, 2:00 - 3:30 pm**

On Writing an Evaluation Report in Afghanistan: Making Heterogeneity Cohere through Writing Infrastructures, Format and Authorship. | Tjitske Holtrop

**Observing the Materiality of Values in Information Systems Research | Jaime Snyder, Katie Shilton, Sara Anderson

Does the IS Artifact Matter in Sociomateriality Research? A Literature Review of Empirical Studies | Silke Weissenfels, Katharina Ebner, Sven Dittes, Stefan Smolnik

Network Analysis of Digital and Social Media

Devan Rosen, George A. Barnett

DSM 8 **Kauai 1** **Friday, 1:00 - 2:30 pm**

**Network Approach to Regime Type and Global Internet Connectedness | Hyunjin Seo, Stuart Thorson

Evolution, Structure and Users' Attachment Behavior in Enterprise Social Networks | Katharina Wiesneth

Developing the Network Awareness Construct: Evidence Supporting the Ability to Understand Social Situations | Michael A. Stefanone, Alaina Iacobucci, Elena Svetieva

DSM 9 **Kauai 1** **Friday, 3:00 - 4:30 pm**

Networked Solidarity: An Exploratory Network Perspective on Twitter Activity Related to #illridewithyou | Chamil Rathnayake, Daniel D. Suthers

The Influence of Retweeting Robots During Brazilian Protests | Éric Tadeu Camacho de Oliveira, Fabricio Olivetti de França, Denise Hideko Goya, Claudio Luis de Camargo Penteado

Social Computing for Sustainability

David Sundaram, Gabrielle Peko, Shahper Vodanovich

DSM 10 **Garden Isle 4** **Thursday, 4:00 - 5:30 pm**

Bicycle Sharing, Social Media, and Environmental Sustainability | Otto Benjamin Piramuthu, Wei Zhou

Social Media and Learning

Maarten de Laat, Caroline Haythornthwaite, Daniel D. Suthers

DSM 11 **Kauai 1** **Wednesday, 4:00 - 5:30 pm**

Behavioral Manifestations of Intercultural Competence in Computer-Mediated Intercultural Learning | Lisa Mei-ling Chuang, Daniel D. Suthers

Task Oriented Reading of Instructional Materials and Its Relationship to Message Scores in Online Learning Conversations | Evren Eryilmaz, Brian Thoms, Justin Mary, Rosemary Kim, Jesus Canelon

How Interactive is a Semantic Network? Concept Maps and Discourse in Knowledge Communities | Carmel Kent, Sheizaf Rafaeli

**The Social Media Trap - How Knowledge Workers Learn to Deal with Constant Social Connectivity | Lena Waizenegger, Ulrich Remus, Ronald Maier

Social Media and Enterprise

Xuefei (Nancy) Deng, K.D. Joshi, Yibai Li

DSM 12 **Kauai 1** **Thursday, 8:00 - 9:30 am**

How Does Knowledge Workers' Social Technology Readiness Affect Their Innovative Work Behavior? | Ruth Stock, Matthias Groß

Adapt to Changes or Not? The Mediating Effect of Individual Adaptability between Social Media and Task Performance | Yang Gao, Xi Zhang, Aihui Chen, Yongqiang Sun, Renyu Zhang

**Team Boundary Spanning through Enterprise Social Media: Exploring the Effects of Group-Level Diversity Using a Data Science Approach | Wietske van Osch, Charles Steinfield, Yanjie Zhao

DSM 13 Kauai 1 Thursday, 10:00 - 11:30 am

Did You LINE Today? Strategies for Creating LINE Online to Offline Customer Experiences | Chien-I Weng, Hsi-Peng Lu, Pei-Shan Wei

Getting a Job via Career-oriented Social Networking Sites | Ricardo Buettner

From Blogosphere to Social Commerce: A Laddering Analysis of Sellers' Motivation | Syahida Hassan, Janet Toland, Mary Tate

Social Networking and Communities
Karine Nahon, Caroline Haythornthwaite

DSM 14 Kauai 1 Wednesday, 8:00 - 9:30 am

Community Management on Social Networking Sites: Why and How Stakeholders Use Corporate Facebook Pages | Christopher H. Ruehl, Diana Ingenhoff

How Do Online Social Networks Support Decision Making? A Pluralistic Research Agenda | Valeri Sadovykh, David Sundaram

Consumer Acceptance and Use of Instagram | Joel Järvinen, Roope Ohtonen, Heikki Karjaluo

DSM 15 Kauai 1 Wednesday, 10:00 - 11:30 am

Relational and Masspersonal Maintenance: Romantic Partners' Use of Social Network Websites | Stephanie Tom Tong, David K. Westerman

Play Together, Stay Together? Community Cohesion and Stability in an MMO | Nathaniel Poor, Marko Skorik

Understanding the Factors Affecting Users' Like Intentions in Social Network Services: A Multi-Dimensional Value Perspective | Yongqiang Sun, Dina Liu, Xiao-Liang Shen, Xi Zhang, Nan Wang

DSM 16 Kauai 1 Wednesday, 2:00 - 3:30 pm

Disaster Data Assemblages: Five Perspectives on Social Media and Communities in Response and Recovery | Alex Lambert

A Systematic Literature Review of Twitter Research from a Socio-Political Revolution Perspective | Ricardo Buettner, Katharina Buettner

**Dissidents versus Allegiants on Facebook: An Examination of Facebook Page Networks Related to Channel 4 War Crime Videos on Sri Lanka | Chamil Rathnayake, Daniel D. Suthers

Social Media and Location
Jim Thatcher, Britta Ricker

DSM 17 Garden Isle 4 Thursday, 4:00 - 5:30 pm

The Effect of Location Granularity on Semantic Location Inferences | Kolbeinn Karlsson, Stephen B. Wicker

Mining Semantic Sequential Patterns from Geo-tagged Photos | Guochen Cai, Kyungmi Lee, Ickjai Lee

Electronic Government Track (EG)
Chair: Hans Jochen Scholl

Big and Linked Data (BOLD) in Government
Marjin Janssen, Yannis Charalabidis, Helmut Krcmar

EG 1 Kauai 4 Wednesday, 10:00 - 11:30 am

Value Creation on Open Government Data | Judie Attard, Fabrizio Orlandi, Sören Auer

An Open Data and Open Services Repository for Supporting Citizen-Driven Application Development for Governance | Yannis Charalabidis, Charalampos Alexopoulos, Vasiliki Diamantopoulou, Aggeliki Androutsopoulou

Cybersecurity

Wm. Arthur Conklin, Gregory White, Ray Vaughn

EG 2 Grand Ballroom 1 Friday, 8:00 - 9:30 am

Using an Improved Cybersecurity Kill Chain to Develop an Improved Honey Community | James R. Rutherford, Gregory B. White

Combining Mandatory and Attribute-based Access Control | Lawrence Kerr, Jim Alves-Foss

You Look Suspicious!:: Leveraging Visible Attributes to Classify Malicious Short URLs on Twitter | Raj Kumar Nepali, Yong Wang

EG 3 Grand Ballroom 1 Friday, 10:00 - 11:30 am

Would Increased Regulation Reduce the Number of Information Breaches? | Mark L. Huson, Barbara Hewitt

IT vs OT Security: A Time to Consider a Change in CIA to Include Resilience | Wm. Arthur Conklin

Emerging Topics in Electronic Government

Tino Schuppan, Theresa Pardo, Elin Wihlborg

EG 4 Kauai 4 Friday, 8:00 - 9:30 am

A Storytelling Approach for Electronic Government Research | Ann-Sofie Hellberg

Positioning Brazil in International eGov Research: A Proposal Based from Literature Review | Taiane Ritta Coelho, Erico Przeybilovicz, Maria Alexandra Cunha, Tiago Henrique Souza Echternacht

E-Government and the Transformation of Professionalism: The Case of the Police | Esther Ruiz Ben, Tino Schuppan

Understanding Public Sector Collaboration through Boundary Object Theory: A Case Study of an E-government Initiative in Sweden | Carl-Mikael Lönn, Elin Uppstrom

Information and Communication Technologies for Development: Contributing to Human Development and Social Justice

Ricardo Gomez, Øystein Sæbø, Alon Peled

EG 5 Kauai 4 Thursday, 8:00 - 9:30 am

Sustainability of ICTD Projects and its Influencing Factors: A Comprehensive Literature Review | Abel Pires da Silva, Walter D. Fernandez

Significance of 'Contexts' in ICTD Projects: Alignment and Misalignment of Stakeholders' Interests | Abel Pires da Silva, Walter D. Fernandez

The Current State of Social Media Research for eParticipation in Developing Countries: A Literature Review | Alfatika Aunuriella Dini, Øystein Sæbø

Inside the Insider Threat

Matt Bishop, Kara Nance, William Claycomb

EG 6 Grand Ballroom 1 Wednesday, 4:00 - 5:30 pm

Towards Reducing the Data Exfiltration Surface for the Insider Threat | Bob G. Schlicher, Lawrence P. MacIntyre, Robert K. Abercrombie

**Explaining and Aggregating Anomalies to Detect Insider Threats | Henry G. Goldberg, William T. Yound, Alex Memory, Ted E. Senator

Demystifying Insider Threat: Language-Action Cues in Group Dynamics | Shuyuan Mary Ho, Jeffrey T. Hancock, Cheryl Booth, Mike Burmester, Xiuwen Liu, Shashank S. Timmarajus

Open and Participatory Government

Mitch Cochran, Scott Robertson, John Bertot

EG 7 Kauai 4 Wednesday, 2:00 - 3:30 pm

**Information Rules as Institutions Political Participation | Madelyn Rose Sanfilippo

An Analytical Tool for Event Interaction in a Smart City | Luana Carine Schünke, Paulo Luna de Oliveira, Marta Becker Villamil

Automatic Content Analysis of Media Framing by Text Mining Techniques | Fu-ren Lin, De Hao, Dachi Liao

Uncovering Governmental Transparency in Federative States: Diverse Government Spheres, Heterogeneous Outcomes | Taiane Ritta Coelho, Thomaz Anderson Barbosa da Silva, Maria Alexandra Cunha, Marco Antonio Carvalho Teixeira

Participatory Crowdfunding: An Approach towards Engaging Employees and Citizens in Institutional Budgeting Decisions | Claudia Niemeyer, Thomas Wagenknecht, Timm Teubner, Christof Weinhardt

Using Crowdstorm to Prospect Innovations in Federal Institutions of Education in Brazil to Reduce its Consumption of Electric Energy | Wagner Vilas Boas de Souza, Carolina Cristina M. Cavalcante, Paulo Henrique de Souza Bermejo, Pamela Aparecida dos Santos, Kelly Carvalho Vieira, Wellington Rodrigues Pereira, José Roberto Pereira

Collective Intelligence in Law Reforms: When the Logic of the Crowds and the Logic of Policymaking Collide | Tanja Aitamurto

Policies and Strategies for Digital Government
Peter Parycek, Antonio Cordella, Frank Bannister

**The Role of Governance, Cooperation, and eService Use in Current eGovernment Stage Models | Morten Meyerhoff Nielsen

Coercive E-government Policy Imposing Harm: The Need for a Responsible E-government Ethics | Jesper B. Berger

Creating Public Value through Digital Government: Lessons on Inter-Organizational Collaboration and Information Technologies | Luis F. Luna-Reyes, Sergio Picazo-Vela, Dolores E. Luna, J. Ramon Gil-Garcia

Resilience Against Crises and Disasters
Jose J. Gonzalez, Emma S. Spiro, Elsa Negre

Measuring Usability in Decision Tools Supporting Collaborations for Environmental Disaster Response | Holly T. Ferguson, Sandra Gesing, Jarek Nabrzyski

oDMN: An Integrated Model to Connect Decision-Making Needs to Emerging Data Sources in Disaster Management | Flávio E. A. Horita, Daniel Link, João Porto de Albuquerque, Bernd Hellingrath

**How do Organizational Processes Recover Following a Disaster? - A Capital Resiliency Model for Disaster Preparedness - | Mihoko Sakurai, Richard T. Watson, Jiro Kokuryo

Services and Information
Lemuria Carter, Ludwig Christian Schaupp, James Moore

How Usable and Clear are the Websites of European Capitals from the Point of View of German Students Adopting an E-Government Perspective? | Margit Scholl

**The Interplay between E-Government Service Adoption Preferences and E-Government Service Delivery in Germany | Lea Thiel

“The Computer Says No!” – A Case Study on Automated Decision-making in Public Authorities | Elin Wihlborg, Hannu Larsson, Karin Hedström

The Public Value Creation of eGovernment: A Test of the Respecified IS Success Model | Olusegun Agbabiaka, Reginald Ugaddan

Smart Cities and Smart City Government

Mila Gasco, Elsa Negre, Camille Rosenthal-Sabroux

EG 12 **Kauai 4** **Friday, 1:00 - 2:30 pm**

Triple Helix in Smart Cities: A Literature Review about the Vision of Public Bodies, Universities, and Private Companies | Renata Paola Dameri, Elsa Negre, Camille Rosenthal-Sabroux
Smart Governance: A Cross-case Analysis of Smart City Initiatives | Suha Alawadhi, Hans J Scholl

What Makes a City Smart? Lessons from Barcelona | Mila Gasco

EG 13 **Kauai 4** **Friday, 3:00 - 4:30 pm**

Managing a Smart City's Resilience to Ebola: An Ontological Framework | Matthew Liotine, Arkalgud Ramaprasad, Thant Syn

**Smart Cities and Transparency. Does Smartness Influence Transparency? | Maria Cucciniello, Nicola Bellé, Greta Nasi, Marco Mena

Towards the Construction of Smart City Index for Analytics (SM-CIA): Pilot-Testing with Major Cities in China Using Publicly Available Data | Yin-Leng Theng, Xuexin Xu, Kanokkorn Witedwittayanusat

Social Media in Government

Rodrigo Sandoval, Andrea Kavanaugh, Margit Christa Scholl

EG 14 **Kauai 4** **Friday, 10:00 - 11:30 am**

Delivering Public Value: Synergistic Integration via Gov 2.0 | Mohammed Aladallah, Yen Cheung, Vincent Lee

Characterizing Government Social Media Research: Towards a Grounded Overview Model | Rony Medaglia, Lei Zheng

Transformational Government: Governance, Organization, and Management

Miriam Lips, Leif Skiftenes Flak, J. Ramon Gil-Garcia

EG 15 **Kauai 4** **Thursday, 10:00 - 11:30 am**

Issues in the Transition to CIO Role in the Public Sector of Developing Countries | Bashir Hussain, Tim Turner, Ahmed Imran

**A Stabilization Model for E-Government Innovation | Taehyon Choi, Deok-Soo Kim, Jungyun Ha

Modes of Collaboration for Realizing E-government Benefits | Carl-Mikael Lönn, Gustaf Juell-Skielse, Tero Päivärinta

Electronic Energy Systems Track (ES) Co-Chairs: Robert Thomas and Thomas Overbye

Monitoring, Control and Protection

Minitrack Chair: Joe Eto

Session Chair: Mani Venkatasubramanian
(Large Scale Dynamics and Control)

ES 1 **Kuhio Theater** **Wednesday, 8:00 - 9:30 am**

A Multi-objective Optimization Algorithm for Bus Type Assignments in Random Topology Power Grid Model | Seyyed Hamid Elyas, Zhifang Wang

Direct Methods to Estimate the Most Limiting Voltage Level and Thermal Violations in Coordinates of Power Transfers on Critical Transmission Paths | YV Makarov, D Meng, B Vyakaranam, R Diao, B Palmer, Z Huang

New Robust Time Series Model for Estimation of Power System Inter-area Oscillations | Gurudatha Pai K, John W. Pierre

Substation Local Voltage Controller using Synchrophasors | Mohammad Amelian, Vaithianathan "Mani" Venkatasubramanian, Javier Guerreo, Noah Badayos, Farrokh Abibi-Ashrafi, Backer Abu-Jaradeh, Armando Salazar

Resilient Networks

Minitrack Chair: Jeff Dagle

Session Chair: Ian Dobson

(Complex Infrastructure Interdependencies)

ES 2 Kuhio Theater Wednesday, 10:00 - 11:30 am

****Convex Optimization for Joint Expansion Planning of Natural Gas and Power Systems |** Conrado Borraz Sanchez, Russell Bent, Scott Backhaus, Seth Blumsack, Hassan Hijazi, Pascal van Hentenryck

Assessing Risk of Gas Shortage in Coupled Gas-Electricity Infrastructures | Anatoly Zlotnik, Michael Chertkov, Konstantin Turitsyn

The Impact of Local Power Balance and Link Reliability on Blackout Risk in Heterogeneous Power Transmission Grids | B. A. Carreras, D. E. Newman, I. Dobson, J. M. Reynolds Barredo

Electric Energy Storage Arbitrage in Electric Power Markets with Wind Uncertainty | Chao Li, Kory W. Hedman, Muhong Zhang

Economics, Markets, and Policy

Minitrack Chair: Shmuel Oren

Session Chair: Le Xie

(Requirements and Markets for Flexibility)

ES 3 Kuhio Theater Wednesday, 2:00 - 3:30 pm

Managing System Ramp Flexibility by Utilizing Price-Responsive Demand: An Empirical Assessment | Anupam A. Thatte, Yuanyuan Li, Le Xie

On the Death and Possible Rebirth of Energy-Only Markets | Tim Mount, Wooyoung Jeon

Financial Transmission Rights in Changing Power Networks | Aleksandr M. Rudkevich, Michael C. Caramanis, Evgeniy A. Goldis, Xiaoguang Li, Pablo A. Ruiz, Richard D. Tabors

Generation Ramping Valuation in Day-Ahead Electricity Markets | Masood Parvania, Anna Scaglione

Integrating Distributed or Renewable Generation

Minitrack Chair: Judy Cardell

Session Chair: Charlie Smith

(Renewables and Distributed Energy Resources)

ES 4 Kuhio Theater Wednesday, 4:00 - 5:30 pm

Flexible Wind Dispatch, System Reliability and EPA's Clean Power Plan | Judith Cardell, Lindsay Anderson

Optimal Power Flow with Random Wind Resources | Yuquan Shan, George Kesidis

A Comparison of Robust and Probabilistic Reliability for Systems with Renewables and Responsive Demand | Jialin Liu, Maria Gabriela Martinez, Bowen Li, Johanna Mathieu, Lindsay Anderson

****An Integrated Agent-Based and Production Cost Modeling Framework for Renewable Energy Studies |** Giulia Gallo

Economics, Markets, and Policy

Minitrack Chair: Shmuel Oren

Session Chair: Richard D. Tabors

(Frontiers in Power Systems Optimization)

ES 5 Kuhio Theater Thursday, 8:00 - 9:30 am

Calculation of Voltage Stability Margins and Certification of Power Flow Insolvability using Second-Order Cone Programming | Daniel K. Molzahn, Ian A. Hiskens, Bernard C. Lesieutre

A New Outage Coordination: SMarTS Model | Gokturk Poyrazoglu, HyungSeon Oh

What is the Benefit of Including Uncertainty in Transmission Planning? A WECC Case Study | Benjamin F. Hobbs, Qingyu Xu, Saamrat Kasina, Sang Woo Park, Jasmine Ouyang, Jonathan L. Ho, Pearl E. Donohoo-Vallett

****The Engineering, Economic and Environmental Electricity Simulation Tool (E4ST): Description and an Illustration of its Capability and Use as a Planning/Policy Analysis Tool |** Biao Mao, Daniel Shawhan, Ray Zimmerman, Jubo Yan, Yujia Zhu, William Schulze, Richard Schuler, Daniel Tylavsky

Integrating Distributed or Renewable Generation

Minitrack Chair: Judy Cardell

Session Chair: Lindsay Anderson

(Demand Response, Microgrids, and Storage)

ES 6 Kuhio Theater Thursday, 10:00 - 11:30 am

Advanced Energy Storage Management in Distribution Network | Guodong, Liu

Electric Vehicle Participation in Transactive Power Systems Using Real-time Retail Prices | Sahand Behboodi, David P. Chassin, Curran Crawford, Ned Djilali

Residential Energy Efficiency and Electric Demand Response | Ward Jewell

On Impact of Randomly Distributed PV Systems on Distribution Networks | Insu Kim, Miroslav Begovic

Resilient Networks

Minitrack Chair: Jeff Dagle

Session Chair: Bill Rosehart

(Big Data Analytics for Actionable Information in Power Systems)

ES 7 Kuhio Theater Thursday, 2:00 - 3:30 pm

The Impact of Distributed Energy Resources on Incumbent Utilities: A Case Study of Long Island, New York | Richard D. Tabors, Hua He, Michael Birk, Tabors Caramanis Rudkevich

Big Data Analytics for Modelling the Impact of Wind Power Generation on Competitive Electricity Market Prices | Payam Zamani-Dehkordi, Logan Rakai, Hamidreza Zareipour, William Rosehart

Quantifying Uncertainties of Security and QoS for Design of Power Grid Communications Systems | Yujue Wang, Carl Hauser, Yiming Wu

Jamming aided Generalized Data Attacks: Exposing Vulnerabilities in Secure Estimation | Deepjyoti Deka, Ross Baldick, Sriram Vishwanath

Monitoring, Control and Protection

Minitrack Chair: Joe Eto

Session Chair: David P. Chassin

(Distributed Decision and Control)

ES 8 Kuhio Theater Thursday, 4:00 - 5:30 pm

Protection and Control of Systems with Converter Interfaced Generation (CIG) | Sakis Meliopoulos, George Cokkinides, Yu Liu, Rui Fan, Sanghun Choi, Paul Myrda

Risk Assessment of a Transmission Line Insulation Breakdown due to Lightning and Severe Weather | Tatjana Dokic, Payman Dehghanian, Po-Chen Chen, Mladen Kezunovic, Zenon Medina-Cetina, Jelena Stojanovic, Zoran Obradovic

Smart Fridge / Dumb Grid? Demand Dispatch for the Power Grid of 2020 | J. Mathias, R. Kaddah, A. Busic, S. Meyn

An Economic Evaluation Tool of Inertia Services for Systems with Integrated Wind Power and Fast-acting Storage Resources | Ti Xu, Wonhyeok Jang, Thomas Overbye

**Information Technology in Healthcare Track (HC)
Co-Chairs: William Chismar and Tom Horan**

Global Health IT Strategies

Joseph Tan, Nilmini Wickramasinghe, Michael Dohan

HC 1 Kauai 6 Friday, 3:00 - 4:30 pm

**Value - Mapping IT Platform Options in Global Health: A Multi-Year Case of Code Rot versus the Event-Driven Outbreak Economy | Dominic Thomas, Renee Subramanian

Vis-Health: Exploratory Analysis and Visualization of Dengue Cases in Brazil | Naira Kaieski, Luiz Paulo Luna de Oliveira, Marta Becker Villamil

The Role of Social Networking in Healthcare | Nicole O'Brien, Joseph Tan, Yufei Yuan

HC 2 Kauai 6 Wednesday, 10:00 - 11:30 am

****Usage of Facebook- and Anonymous Forum-Based Peer Support Groups Online and Their Influence on Perceived Social Support Types in Weight Loss** | Heini Taiminen, Kimmo Taiminen

Socially Influencing Technologies for Health Promotion: Translating Social Media Analytics into Consumer-facing Health Solutions | Sahiti Myneni, Sriram Iyengar

Discovering Design Principles for Persuasive Systems: A Grounded Theory and Text Mining Approach | Mohammad Aref Al-Ramahi, Omar El-Gayar, Jun Liu

IT Adoption, Diffusion and Evaluation in Healthcare
Ton Spil, Carla Wiggins, Leigh Cellucci, Arnold Kamis

HC 3 Kauai 6 Friday, 8:00 - 9:30 am

Implementation and Adoption of an Electronic Information System for Vaccine Inventory Management | Marie-Pierre Gagnon, Amélie Lampron, Ronald Buyl

The Effect of ‘Device’ in Task-Technology Fit: A Study of German Hospitals | Michael Weber, Corinna Gewald, Andy Weeger, Ulrich Haase

****IT-based Revenue Cycle Management: An Action Research into Relational Coordination** | Rajendra Singh, Vitali Mindel, Lars Mathiassen

A Closer Look at the Social Influence Construct in the UTAUT Model: An Institutional Theory Based Approach to Investigate Health IT Adoption Patterns of the Elderly | Karoly Bozan, Kevin Parker, Bill Davey

HC 4 Kauai 6 Friday, 10:00 -11:30 am

Internet Usage, Physician Performances and Patient’s Trust in Physician during Diagnoses: Investigating Both Pre-use and Not-use Internet Groups | Tian Lu, Hong Chen, Yunjie Xu, Chenghong Zhang

Lifetime Electronic Health Records as an Enabler for Integrated Care | Peggy Richter, Kai Gand, Werner Esswein

Improving Electronic Health Record Downtime Contingency Plans with Discrete-Event Simulation | Ethan Larsen, Christiane Haubitz, Christian Wernz, Raj Ratwani

An Exploration of the Impact of EMR Capabilities on Hospital Quality Measures in U.S. | Yousra Harb, Surendra Sarnikar, Cherie Noteboom

HC 5 Kauai 6 Friday, 1:00 - 2:30 pm

Adoption of Social Media and the Quality of Life of Older Adults | Yun Yang, Yufei Yuan, Norm Archer, Ellen Ryan

A Study of Privacy and Security Concerns on Doctors’ and Nurses’ Behavioral Intentions to Use RFID in Hospitals | Thomas G. Winston, Souren Paul, Lakshmi Iyer

Acceptance and Organizational Aspects of Oral tele-Consultation: A French Study | Roland Petcu, Roxana Ologeanu-Taddei, Isabelle Bourdon, Chris Kimble, Nicolas Giraudeau

Health Literacy: Exploring Health Knowledge Transfer in Online Healthcare Communities | Yanyan Shang, Jun Liu

IT Architectures and Implementations in Healthcare Environments

Radmila Juric, Jasna Kuljis, Suzanne Miller

HC 6 Kauai 6 Thursday, 2:00 - 3:30 pm

Expanding the Coverage of Ambient Assisted Living Systems | João Bentes, Daniela Trevisan, José Viterbo

An Architecture for Pull-based Public Health Interventions | Robert Steele, Andrew Clarke

Adaptive Dissemination for Mobile Electronic Health Record Applications with Proactive Situational Awareness | Davy Preuveneers, Nayyab Zia Naqvi, Arun Ramakrishnan, Yolande Berbers, Wouter Joosen

Validating Scanned Foot Images and Designing Customized Insoles on the Cloud | Gabor Terstyanszky, Tamas Kiss, Simon Taylor, Anastasia Anagnostou, Miguel Subira, Giuseppe Padula, Enrique De Meer Alonso, Jose Manuel Martin Rapun

A Business Process Management Approach to Surgical Instrument/Device Reprocessing and Tracking | Jim Ryan, Barbara Doster, Sandra Daily, Carmen Lewis

Decision Support for the Service Needs Assessment Process in Elderly Care | Tanja Kaarna, Jukka Korpela, Kalle Elfvengren, Tarja Viitikko, Merja Tepponen

Semantic Selection of Healthcare Apps | Hamda Almarri Binghubash, Radmila Juric, Bilal Mughal

BPMN4CP Revised - Extending BPMN for Multi-Perspective Modeling of Clinical Pathways | Richard Braun, Hannes Schlieter, Martin Burwitz, Werner Esswein

Learning Health Systems

Kevin Sullivan, Alon Y. Ben-Ari, Bill Chismar, Thomas Horan

Digital Knowledge Objects and Digital Knowledge Object Clusters: Unit Holdings in a Learning Health System Knowledge Repository | Allen J. Flynn, Wei Shi, Rocky Fischer, Charles P. Friedman

Institutional Barriers against Innovation Diffusion: From the Perspective of Digital Health Startups | Shi Ying Lim, Edward G. Anderson, Jr.

A Bayesian Network Approach to Classifying Bad Debt in Hospitals | Donghui Shi, Jozef Zurada, Jian Guan

Geographical and Socioeconomic Disparity Analysis – An Empirical Study of Hypertension and Its Comorbidities in China | James Ma, Jiaojiao Wang, Jiaqi Liu, Zhidong Cao

Mobile Applications and Emerging Technologies for Health Management and Wellness

Freimut Bodendorf, Carolin Durst, Nilmini Wickramasinghe

**Wearable Health Monitors and Physician-Patient Communication: The Physician's Perspective | Joanne R. Loos, Elizabeth J. Davidson

Ambient Intelligence Based Context-Aware Assistive System to Improve Independence for People with Autism Spectrum Disorder | Ziyang Tang, Jin Guo, Sheng Miao, Subrata Acharya, Jinjuan Heidi Feng

Designing a Game to Reduce Stress for Congestive Heart-Failure (CHF) Patients | Ala Alluhaidan, Miloslava Plachkinova

Behavior Change Support for Physical Activity Promotion: A Theoretical View on Mobile Health & Fitness Applications | Andreas Hamper, Jonathan Wendt, Christian Zagel, Freimut Bodendorf

Digital Engagement, Self-management, and Shifting the Locus of Control: A mHealth Program for People with type 2 Diabetes | Sally Burford, Sora Park, Morris Carpenter, Paresh Dawda, John Burns

Effects of Journaling Dietary Intake App on the Health Outcomes of Chronic Kidney Disease Stage 3B-5 | Jei-Fuu Chen, Ling-Ling Wu, Seng-Cho Chou

Technologies for Clinical Decision-Making, Interventions, and Wellness

Janet Brigham, Benjamin Schooley, Rochelle Rosen, Beth Bock

HC 11 Kauai 6 Wednesday, 2:00 - 3:30 pm

**Development of a Mobile Phone Attachment Scale | Beth Bock, Herpreet Thind, Joseph Fava, Kristen Walaska, Nancy Barnett, Rochelle Rosen, Regina Traficante, Ryan Lantini

Mobile Health Monitoring: A Case Analysis of an App in a Diabetes and Hypertension Clinic | Aniruddha Banerjee, R.A. Ramanujan, Saligrama Agnihotri

How Do Business Analytics and Business Intelligence Contribute to Improve Care Efficiency? | Hoda Moghimi, Stephen Vaughan, Steven McConchie, Nilmini Wickramasinghe

Ingestible Biosensors for Real-Time Medical Adherence Monitoring: MyTMed | Peter R. Chai, Rochelle Rosen, Edward W. Boyer

Technologies for Healthy Aging

Aaron Crandall, Diane Cook, Maureen Schmitter-Edgecombe

HC 12 Kauai 6 Thursday, 10:00 - 11:30 am

Predicting Adult Children’s Decisions to Use Online Elderly Health Information for their Aged Parents | Yukun Bao, Md. Rakibul Hoque, Shiyu Wang

Prototyping a Health and Wellbeing Platform: an Action Design Research Approach | Wally Keijzer-Broers, Lucas Florez-Atehortua, Mark de Reuver

Adherence to Medical Recommendations and Treatments by Elderly Patients: USEFIL Web Services Addressing this Challenge | Homer Papadopoulos, Antonis Korakis

**Predictive Analytics Dashboard for Monitoring Patients in Advanced Stages of COPD | Riad Alharbey

User Experience Design for Health and Wellness
Richard Burkhard, Ann Fruhling, Soussan Djamasbi

HC 13 Kauai 6 Wednesday, 8:00 - 9:30 am

Design Implications of User Experience Studies: The Case of a Diabetes Wellness App | Bengisu Tulu, Diane Strong, Lei Wang, Qian He, Emmanuel Agu, Peder Pedersen, Soussan Djamasbi

Insights from the Design and Evaluation of a Personal Health Dashboard | Ashley Colley, Kirsi Halttu, Marja Harjumaa, Harri Oinas-Kukkonen

MyData Approach for Personal Health - A Service Design Case for Young Athletes | Jonna Häkkinen, Mira Alhonsuo, Lasse Virtanen, Juho Rantakari, Ashley Colley, Timo Koivumäki

Internet and the Digital Economy Track (IN)
Co-Chairs: Dave King and Alan Dennis

Crowdfunding and the Wisdom of the Crowds
Claire Ingram, Emmanuelle Vaast

IN 1 Garden Isle 2 Friday, 8:00 - 9:30 am

How to Convince the Crowd: An Impression Management Approach | Elmar Lins, Kaja J. Fietkiewicz, Eva Lutz

**Venture Signals and Social Media Buzz in Crowdfunding: Are “Buzzworthy” Projects Worth the Hype? | Jama D. Summers, Laku Chidambaram, Amber G. Young

Electronic Marketing

Bruce Weinberg, Ajit Kambil, Lenita Davis

IN 2 Garden Isle 1 Wednesday, 8:00 - 9:30 am

Do Facebook Likes Lead to Shares or Sales? Exploring the Empirical Links between Social Media Content, Brand Equity, Purchase Intention, and Engagement | Constantinos K. Coursaris, Wietske van Osch, Brigitte A. Balogh

Characterizing Quantitative Measures of User Engagement on Organizational Facebook Pages | Leora Mauda, Yoram M Kalman

Seller Manipulation of Consumer Reviews under Competition | Ruhai Wu, Chun (Martin) Qiu

IN 3 Garden Isle 1 Wednesday, 10:00 - 11:30 am

**From E-Shopping System Quality to the Consumer's Intention to Return: A Meta-Analytic Study of the Mediation of Attitude, Usefulness, Enjoyment, and Trust | John Ingham, Jean Cadieux

Why Consumers Go to Online Grocery: Comparing Vegetables with Grains | Chunghan Kang, Junghoon Moon, Taekyung Kim, Youngchan Choe

Consumer Trust Towards an Online Vendor in High- vs. Low-Context Cultures | Heli Hallikainen, Tommi Laukkanen

IN 4 Garden Isle 1 Wednesday, 2:00 - 3:30 pm

Quantifying the Value of Local Showrooms in Consumer Search and Purchase | Jayarajan Samuel, Ying Xie, Zhiqiang (Eric) Zheng

Visual Complexity and Figure-Background Color Contrast of E-commerce Websites: Effects on Consumers' Emotional Responses | Sheng-Wei Lin, Louis Yi-Shih Lo, Travis K. Huang

User Behavior in Crowdfunding Platforms - Exploratory Evidence from Switzerland | Michael Beier, Kerstin Wagner

Global, International, and Cross-Cultural Issues in IS

Pinna Fichman, Edward Bernroider, Erran Carmel

IN 5 Kauai 5 Wednesday, 4:00 - 5:30 pm

A Comparative Study of National Culture and Innovation: Effects of Cultural Dimensions on Traditional Innovation and Online Innovation | Jongwook Kwon, Dan Kim, Chang E. Koh

**Gender and Job Satisfaction of Information Technology Professionals in Poland | Jolanta Kowal, Narcyz Roztocki

Innovative Behavioral IS Security and Privacy Research

Merrill Warkentin, Allen C. Johnston, Anthony Vance

IN 6 Grand Ballroom 1 Wednesday, 8:00 - 9:30 am

Measuring the Human Factor in Information Security and Privacy | Marc J. Dupuis, Robert E. Crossler, Barbara Endicott-Popovsky

Validating Common Characteristics of Malicious Insiders: Proof of Concept Study | Nan (Peter) Liang, David Biros

CPasswords: Leveraging Episodic Memory and Human-Centered Design for Better Authentication | L. Jean Camp, Jacob Abbott, Siyu Chen

IN 7 Grand Ballroom 1 Wednesday, 10:00 - 11:30 am

Consumers' Expectations of Fair Data Collection and Usage – A Mixed Method Analysis | Antje Niemann, Manfred Schwaiger

Privacy and Identity Theft Recovery Planning: An Onion Skin Model | Tawfiq Alashoor, Richard Baskerville, Ruilin Zhu

**Investigating Users' Reaction to Fine-Grained Data Requests: A Market Experiment | Nicole Eling, Siegfried Rasthofer, Max Kolhagen, Eric Bodden, Peter Buxmann

Real or Spiel? A Decision Tree Approach for Automated Detection of Deceptive Language-Action Cues | Shuyuan Mary Ho, Jeffrey T. Hancock, Cheryl Booth, Xiuwen Liu, Muye Liu, Shashank S. Timmarajus, Mike Burmester

Measuring Source Credibility of Social Engineering Attackers on Facebook | Abdullah Algarni, Yue Xu ,Taizan Chan

An Exploratory Study on Behavioral and Emotional Coping with IT-Enabled Government Surveillance | Hanieh Moshki, Henri Barki

Mining, Analyzing, and Visualizing Web Content and Usage
Dave King

EventPanorama: A Framework for Event Detection and Visualization from Online News | Chen Zhang, Hao Wang, Wei Wang, Cuixia Ma, Jingjing Li,Yibo Wang, Fanjiang Xu

**Scalable Knowledge Extraction and Visualization for Web Intelligence | Arno Scharl, Albert Weichselbraun, Max Goebel, Walter Rafelsberger, Ruslan Kamolov

Developer Behavior and Sentiment from Data Mining Open Source Repositories | William N. Robinson, Tianjie Deng, Zirun Qi

Taking the Measure of National Bandwidths: Evolving Patterns of the International Digital Divide for 1986 – 2013 | Martin Hilbert

Online Games and Game-Like Systems
Kafui Monu, Paul Ralph, Xi Zhang

“It Was More than Just the Game, It Was the Community”: Social Affordances in Online Games | Nicole Crenshaw, Bonnie Nardi

Understanding Perceived Enjoyment in Mobile Game Context | Jani Merikivi, Duyen Nguyen, Virpi Kristiina Tuunainen

**Role of Internal Health Belief, Catharsis Seeking, and Self-efficacy in Game Players’ Aggression | Hye Rim Lee, Eui Jun Jeong, Joo Woo Kim

A Study of Digital Game Addiction from Aggression, Loneliness and Depression Perspectives | Eui Jun Jeong, Dan J. Kim, Dong Min Lee, Hye Rim Lee

Social Shopping: The Good and not so Good
Gabrielle Peko, Shahper Vodanovich, David Sundaram

**Dynamic Organizational Learning with IoT and Retail Social Network Data | Wei Zhou, Frederique Alexandre-Bailly, Selwyn Piramuthu

Using Social Media to Manage Customer Complaints: A Preliminary Study | Hua (Jonathan) Ye, Arvind Tripathi

Inter-generational Comparison of Social Media Use: Investigating the Online Behavior of Different Generational Cohorts | Kaja J. Fietkiewicz, Elmar Lins, Katsiaryna S. Baran, Wolfgang G. Stock

A Study of the Effects of Social Factors and Innovation Characteristics on Search Effort and Uncertainty in Mobile App Adoption | Fengkun Liu, Alan A. Brandyberry, Greta Polites, Mary Hogue, Tuo Wang

The Diffusions, Impacts, Adoption and Usage of ICTs upon Society

Jyoti Choudrie, Sherah Kurnia, Shahper Vodanovich

IN 12 Garden Isle 1 Thursday, 8:00 - 9:30 am

The Adoption of IBM's Spoken Web in Information Poor Communities: A Pilot Study with Farmers in Gujarat, India | InduShobha Chengalur-Smith, Devendra D. Potnis, Gaurav Mishra

Unfolding the Types of Organizational Inertia in Information Systems Adoption | Tapani Rinta-Kahila, Esko Penttinen, Anssi Nevalainen

Affordable Broadband: Bridging the Global Digital Divide, A Social Justice Approach | Joseph W. Weiss, David J. Yates, Girish J. "Jeff" Gulati

Theories of the Digital Divide: Critical Comparison | James Pick, Avijit Sarkar

IN 13 Garden Isle 1 Thursday, 10:00 - 11:30 am

How and Why Users Use Social TV Systems? A Systematic Review of User Studies | John Robert Bautista, Trisha T.C. Lin, Yin-Leng Theng

Understanding the Pain: Examining Individuals' Online Reputation Management Behaviour and its Obstacles - A Grounded Theory | Shuzhe Yang

Gender Differences in Online Dating: What Do We Know So Far? A Systematic Literature Review | Olga Abramova, Annika Baumann, Hanna Krasnova, Peter Buxmann

The Internet of Everything: Connecting People, Things, and Data

Jan Kietzmann, Karen Robson

IN 14 Garden Isle 1 Friday, 8:00 - 9:30 am

Design Principles for Industrie 4.0 Scenarios | Mario Hermann, Tobias Pentek, Boris Otto

**Augmented Reality Apparel: An Appraisal of Consumer Knowledge, Attitude and Behavioral Intentions | Heather F. Ross, Tina Harrison

Discussion with Internet of Everything Experts: Blaize Horner Reich, David Hannah, Hope Schau, Leyland Pitt and Jonathan Linton

Transformation Towards Cloud Computing

Mohamed Makhoul

IN 15 Kauai 5 Thursday, 10:00 - 11:30 am

**Determinants of the Decision to Transform Towards Cloud: An Exploratory Analysis of 225 CISCO Case Studies | Mohamed Makhoul, Oihab Allal-Cherif, Nathalie Dumas

What Drives Users to Use CRM in a Public Cloud Environment? - Insights from European Experts | Ralf-Christian Härting, Michael Möhring, Rainer Schmidt, Christopher Reichstein, Barbara Keller

Digital Business Ecosystem Transformation - Towards Cloud Integration | Kari Korpela, Karri Mikkonen, Jukka Hallikas, Mikko Pynnönen

To Reach The Clouds: Application of Topic Models to the Meta-review on Cloud Computing Literature | Bikesh Raj Upreti, Aleksandre Asatiani, Pekka Malo

IN 16 Kauai 5 Thursday, 2:00 - 3:30 pm

Transition to the Cloud: A Vendor Perspective | Jonas Hedman, Xiao Xiao

Refuse to Walk on Clouds - Why Firms still do not Use Cloud Computing - An Empirical Study of Barriers and Enhancers | Markus Siepermann, Arbnesh Sutaj, Patrick Lübbecke, Richard Lackes

Cloud Supply Chain Resilience Model: Development and Validation | Andrea Herrera, Lech Janczewski

Knowledge Innovation and Entrepreneurial Systems Track (KS)
Co-Chairs: Murray Jennex and Dave Croasdell

Confidentiality, Integrity, and Availability of Knowledge, Innovation, and Entrepreneurial Systems
Alexandra Durcikova, Murray Jennex

KS 1 Garden Isle 1 Thursday, 4:00 - 5:30 pm

Information Security Capacity Building in Community-Based Organizations: Examining the Effects of Knowledge Transfer | Janine L. Spears, Tonia San Nicolas-Rocca

The Revival of Ancient Information Security Models, Insight in Risks and Selection of Measures | Stef Schinagl, Ronald Paans, Keith Schoon

Knowledge Sharing and Knowledge Security in Finnish Companies | Ilona Ilvonen, Aki Alanne, Nina Helander, Hannele Väyrynen

Protecting Knowledge in the Financial Sector: An Analysis of Knowledge Risks Arising from Social Media | Christina Sarigianni, Stefan Thalmann, Markus Manhart

Designing and Deploying Advanced Knowledge Systems
Stefan Smolnik, Timo Käkölä

KS 2 Kauai 3 Wednesday, 10:00 - 11:30 am

Designing a Personal Information Transaction Object | Ross Farrelly, Eng Chew

****A Knowledge Perspective on Big Data by Joining Enterprise Modeling and Data Analyses | Hans-Georg Fill, Florian Johannsen**

Use Cases as a Means to Support the Appropriation of Enterprise Social Software | Christian Herzog, Alexander Richter

Innovation Uncertainties and Socio-Political Legitimization
Vernon Bachor, Jeremy Hall

KS 3 Kauai 3 Thursday, 4:00 - 5:30 pm

Almost an MNC: Bitcoin Entrepreneurs' use of Collective Resources and Decoupling to Build Legitimacy | Claire Ingram, Marcel Morisse

Militarization as a Socio-Political Context for Entrepreneurial Innovation | Todd M. Inouye

Knowledge Economics
Carsten Brockmann, Narcyz Roztock

KS 4 Kauai 3 Thursday, 10:00 - 11:30 am

Fostering GCC's Knowledge Economy through ICT: Research in Progress | Kamla Ali Al-Busaidi

****Mobbing and Burnout in Emerging Knowledge Economies: An Exploratory Study in Poland | Jolanta Kowal, Adam Gurba**

Towards Mobile Modeling of Knowledge and Business Processes | René Peinl, Eldar Sultanow, Carsten Brockmann

Knowledge Flows, Transfer, Sharing and Exchange
K.D. Joshi, Lynne Cooper, Nathan Johnson

KS 5 Kauai 3 Wednesday, 8:00 - 9:30 am

Measuring the Time Delay between Scientific Research and Patent Technology Based on the Citation Distribution Model | Guijie Zhang, Yuqiang Feng, Guang Yu, Luning Liu, Zhen Shao, Jianben Wu

Outbound Open Innovation: A Systematic Review | Larissa Avelino Zuppo, Priscila Luiz Rosa, Paulo Henrique de Souza Bermejo, André Luiz Zambalde

An Approach to Knowledge Acquisition Based on Verbal Semantics | Dildre G. Vasques, Antonio C. Zambon, Gisele B. Baioco, Paulo S. Martins

****Managerial Implications on Viewing Knowledge as Constructions | W. David Holford**

Knowledge Management Value, Success and Performance Measurements

Murray Jennex, Stefan Smolnik, Dave Croasdell

KS 6	Kauai 3	Wednesday, 4:00 - 5:30 pm
**Enterprise Social Networks from a Manager's Perspective Alexander Richter, Corinna Hetmank, Julia Klier, Mathias Klier, Maria Müller		
Providing Contextual Insights on the Organizational Usage of Public Social Network Sites – The Case of Facebook Björn Kruse, Ulrike Baumöl		
The DIKW Hierarchy and Management Decision-Making Ali Intezari, David J. Pauleen, Nazim Taskin		
The Search for Knowledge Management Success Murray E. Jennex, Stefan Smolnik, David Croasdell		

Knowledge Society / Knowledge Sharing and Utilization in International/Global Setting

Dave Croasdell, Nilmini Wickramasinghe, Minna Rollins, Mika Gabrielsson

KS 7	Kauai 3	Thursday, 8:00 - 9:30 am
The Salesperson's Use of Global Customer Relationship Management Systems Minna Rollins, Mika Gabrielsson		
Is it an Antecedent? Is it an Outcome? No, it's Culture! Understanding the Relationship between Cultural Values and the Use of Information Systems Fostering Collaboration Sven Dittes, Stefan Smolnik		

Managing Knowledge for Innovation and Agility
Suzanne Zyngier, Daniel Samson, Marianne Gloet

KS 8	Kauai 3	Friday, 8:00 - 9:30 am
Designing an Idea Screening Framework for Employee-driven Innovation Raffaele Fabio Ciriello, Alexander Richter, Gerhard Schwabe		
Competence Management as a Dynamic Capability: A Strategic Enterprise System for a Knowledge-Intensive Project Organization Erkka Niemi, Sami Laine		
Idea Generation by Employees and External Participants in Innovation Competitions Stefan Stieglitz, Simon Hassannia		

KS 9	Kauai 3	Friday, 10:00 - 11:30 am
The Workarounds Process as a Source of Knowledge Creation and Management Patrick Boudreau, Dragos Vieru, Gilbert Paquette, Michel Heon		
Knowledge and Innovation Management: Developing Dynamic Capabilities to Capture Value from Innovation Marianne Gloet, Danny Samson		
Clustering the Results of Brainstorm Sessions: Applying Word Similarity Techniques to Cluster Dutch Nouns Chintan Amrit, Jeroen Hek		

Organizational Learning
Minitrack Chair: Julee Hafner

KS 10	Kauai 3	Thursday, 2:00 - 3:30 pm
Towards a Unified Theory of Knowledge Management (KM) Philip William Sisson, Julie JCH Ryan		
An Enhanced Theory of Learning Including Learning from the Future Alexander Kaiser		

Reports from the Field
Vincent Scovetta, Timothy Ellis

KS 11 Kauai 3 Wednesday, 2:00 - 3:30 pm

Using Knowledge Management to Assist in Identifying Human Sex Trafficking | Marisa Hultgren, Murray E. Jennex, John Persano, Cezar Ornatowski

Needs to Know: Validating User Needs for a Proposed FBI Academy Knowledge Management System | J. Richard Kiper
Does Incomplete Unlearning Impact Medical Errors? | Julee Hafner

The Organizational Use of IT-Mediated Crowds
Jan Kietzmann, John Prpic

KS 12 Kauai 3 Friday, 3:00 - 4:30 pm

****Gamification in Crowdsourcing: A Review | Benedikt Morschheuser, Juho Hamari, Jonna Koivisto**

Crowd Science: Measurements, Models, and Methods| John Prpić, Prashant Shukla

Choosing the Right Crowd: An Iterative Process for Crowd Specification in Crowdsourcing Initiatives | Eoin Cullina, Kieran Conboy, Lorraine Morgan

Discussion with Crowdsourcing Experts: Ian McCarthy, Jeremy de Beer and Leyland Pitt

Tools and Software for Knowledge Management
Alexandra Kees, Karlheinz Kautz

KS 13 Kauai 3 Friday, 1:00 - 2:30 pm

Ease of Attribution, Ease of Licensing, and Integration of Creative Works | Elahe Javadi, Jasmeet Sasan, Beth Ladd

****Automated Taxonomy Extraction from Semantic Business Process Models | Sergio de Cesare, Damir Juric, Mark Lycett**

An Interface for Assisted Curation of Knowledge Bases from Unstructured Text | Jeremy Wright, Gabriel Murray, Ben Hachey

Organizational Systems and Technology Track (OS)
Chair: Hugh Watson

Advances in Design Research for Information Systems
Tuure Tuunanen, Joseph Walls, George Widmeyer

OS 1 Grand Ballroom 6 Friday, 8:00 - 9:30 am

Pre-Theory Design Frameworks and Design Theorizing | Richard Baskerville, Vijay Vaishnavi

Beyond Rigor and Relevance: Exploring Artifact Resonance | Andreas Drechsler, Alan R. Hevner, T. Grandon Gill

On Experiments in Design Science Research and Theory Development: A Literature Review | Henrik Kampling, Michael Klesel, Björn Niehaves

OS 2 Grand Ballroom 6 Friday, 10:00 - 11:30 am

****Toward A Design Theory for Green Information Systems | Jan Recker**

An Information Systems Design Theory for Adaptable E-Learning | Amir Haj-Bolouri, Lennarth Bernhardsson, Patrik Bernhardsson, Lars Svensson

Closing the Loop: Evaluating a Measurement Instrument for Maturity Model Design | David Raber, Johannes Epple, Robert Winter, Marcus Rothenberger

Applying Evaluations while Building the Artifact - Experiences from the Development of Process Model Complexity Metrics | Daniel Braunnagel, Susanne Leist

Analytics and Decision Support for Ecosystems

Martha Russell, Kaisa Still, Rahul Basole

OS 3 Grand Ballroom 5 Wednesday, 2:00 - 3:30 pm

Using Skewness and Kurtosis Coefficients of Industry Samples of IT Managerial Control Ratios for Analyzing Competitive Dynamics in Relation to IT Spending | Vladyslav Krotov

Exploring Innovation Ecosystems as Networks: Four European Cases | Jukka Huhtamäki, Neil Rubens

A Study of Financial Contagion in Interbank System | Xian Cheng, Stephen Shaoyi Liao, Haichuan Zhao, Xinbo Sun, Zhongsheng Hua, Yujing Xu

OS 4 Grand Ballroom 5 Wednesday, 4:00 - 5:30 pm

Crowdfunding in the Development of Social Media Fanbase – Case Study of Two Competing Ecosystems | Jari Jussila, Karan Menon, Raghava Rao Mukkamala, Lester Allan Lasrado, Abid Hussain, Ravi Vatrappu, Hannu Kärkkäinen, Jukka Huhtamäki

Insights from Social Network Analysis – Case Board Interlocks in Finnish Game Industry | Arho Suominen, Nina Rilla, Juha Oksanen, Kaisa Still

Business and Enterprise Architecture: Processes, Approaches and Challenges

Frank Armour, Stephen Kaisler

OS 5 Grand Ballroom 5 Friday, 8:00 - 9:30 am

**Enterprise Architecture Analysis and Network Thinking: A Literature Review | Alixandre Santana, Kai Fischbach, Hermano Moura

Organizational Subcultures and Enterprise Architecture Effectiveness: Findings from a Case Study at a European Airport Company | Hella Faller, Sybren de Kinderen, Christina Constantinidis

Identifying Misalignment of Goal and Strategies across Organizational Units by Interpretive Structural Modeling | Yohei Aoki, Takanobu Kobori, Hironori Washizaki, Yoshiaki Fukazawa

OS 6 Grand Ballroom 5 Friday, 10:00 - 11:30 am

An Executable Model Driven Framework for Enterprise Architecture Application to the Smart Grids Context | Rachida Seghiri, Frédéric Boulanger, Claire Lecocq, Vincent Godefroy

Aligning Architectures of Business and Software: Software Driven by Business Process Models and its User Interface | Ralph Hoch, Hermann Kaindl, Roman Popp, Christian Zeidler

An Application of Semantic Techniques to the Analysis of Enterprise Architecture Models | Gonçalo Antunes, Artur Caetano, José Borbinha

Digital Innovation

Nicholas Berente, Kalle Lyytinen, Youngjin Yoo

OS 7 Garden Isle 2 Thursday, 8:00 - 9:30 am

**Innovating with Digital Action Repertoires at Amnesty International: Exploring Role Ambiguity | Lisen Selander, Sirkka Jarvenpaa

Putting Phronesis to Work in Digital Innovation | Lena Hylving, Dina Koutsikouri

Algorithmic Agency in Information Systems: Research Opportunities for Data Analytics of Digital Traces | Jonas Valbjørn Andersen, Aron Lindberg, Rikard Lindgren, Lisen Selander

OS 8 Garden Isle 2 Thursday, 10:00 - 11:30 am

Corporate Crowdfunding: Does Being Part of a University Affect a Platform's Operations? | Claire Ingram, Emmanuelle Vaast, Robin Teigland

Reinventing the Platform Core Through Acquisition: A Case Study | Gustav Toppenberg, Stefan Henningsson, Ben Eaton

Strategy Blindness as Disciplined IT-use Practice: Looking Past the 'Unintended and Unexpected' through the Practice Lens | Viktor Arvidsson

Emerging Technologies and Innovations for Development

Sajda Qureshi, Gerald Grant, Anthony Ming

OS 9 Boardroom Wednesday, 10:00 - 11:30 am

Emerging Technology Use in Very Small Island States: A Tenuous Relationship between Average Information and Communication Technology (ICT) Usage and Per Capita Gross Domestic Product (GDP) Growth | Sajda Qureshi, Lotfollah Najjar

****Is Consensus a Viable Concept to Justify Use of Online Collaborative Networks in Multi-Stakeholder Governance?** | William Tibben, Robert B. K. Brown, Ghassan Beydoun, Reza Zamani

Panel: Emerging Technologies for Development: Challenges and Opportunities

Enterprise System Integration: Issues and Answers

Marinos Themistocleous, Gail Corbitt, Paulo Rupino de Cunha

OS 10 Kuhio Theater Friday, 3:00 - 4:30 pm

A Comparison between Organizational Stakeholders' and External Consultants' Perceptions on CSFs Affecting ERP Life Cycle Phases | Musleh Alsulami, Helana Scheepers, Md.Mahbubur Rahim

Integration Obstacles during ERP Development | Negin Banaeianjahromi, Tommi Kähkönen, Aki Alanne, Kari Smolander

The Fragmentation of Theoretical Contributions in ERP Research: An Exploratory Study | Saïd Assar, Redouane El Amrani

****Enterprise Systems and Innovation - An Empirical Investigation** | Niki Kyriakou, Euripides Loukis, Spyros Arvanitis

Human Capital and Technology in a Global Marketplace

Cynthia Riemenschneider, Deborah J. Armstrong

OS 11 Garden Isle 1 Thursday, 2:00 - 3:30 pm

Being Useful: How Information Systems Professionals Influence the Use of Information Systems in Enterprises | Hadi Karimikia, Harminder Singh, Karin Olesen

How Do Black Men Succeed in IT Careers? The Effects of Capital | K.D. Joshi, Lynette Kvasny, P. Unnikrishnan, Eileen Trauth

Impacts of Information Technologies on Consumer Activities and on Business Operations

Avi Seidmann, Yabing Jiang, Jie Zhang

OS 12 Kauai 5 Wednesday, 10:00 - 11:30 pm

****Experience Me! The Impact of Content Sampling Strategies on the Marketing of Digital Entertainment Goods** | Ai Phuong Hoang, Robert J. Kauffman

Understanding the Sharing Economy: Drivers and Impediments for Participation in Peer-to-Peer Rental | Florian Hawlitschek, Timm Teubner, Henner Gimpel

Presentation Styles on User Perceived Usefulness in Opinion Summarization | Xiaojun Yuan, Ning Sa, Grace Begany, Huahai Yang

OS 13 Kauai 5 Wednesday, 2:00 - 3:30 pm

Improving Open Access Policy for Scheduling Outpatient Appointments | Balaraman Rajan, Abraham Seidmann

Disclosing the Role of IT Suppliers as Digital Innovation Enablers for SMEs: A Strategy Analysis of the European IT Sales Channel | Antonio Ghezzi, Raffaello Balocco

Influential Aspects of the Smart City | Cristina Marinovici, Harold Kirkham, Steve Widergren

Information Security and Privacy

Tung Bui, Eric Clemons, Tawei Wang

OS 14 Grand Ballroom 1 Thursday, 10:00 - 11:30 am

****The Impact of ISO 27001 Certification on Firm Performance**
| Carol Hsu, Tawei Wang, Ang Lu

Can Relaxing Security Policy Restrictiveness Improve User Behavior? A Field Study of Authentication Credential Usage
| Jeffry Babb, Mark Keith, Paul Steinbart

Perverse Effects in Defense of Computer Systems: When More is Less
| Josephine Wolff

OS 15 Grand Ballroom 1 Thursday, 2:00 - 3:30 pm

Why Companies Change Privacy Policies: A Principal-Agent Perspective
| Wallace Chipidza, Dorothy Leidner, Debra Burleson

Sweet Idleness, but Why? How Cognitive Factors and Personality Traits Affect Privacy-Protective Behavior
| Christian Matt, Philipp Peckelsen

A Secure Business Process Modelling For Better Alignment between Business and IT
| Youseef Alotaibi

Coercive, Normative, and Mimetic Influences on the Assimilation of BCM in Outsourcing Relationships
| Simon Erb, Gerhard F. Knolmayer

Information Systems Procurement and Benefits Realization

Samuli Pekkola, Tero Päivärinta

OS 16 Grand Ballroom 5 Thursday, 8:00 - 9:30 am

Valuing the Advantage of Early Termination: Adopting Real Options Theory for SaaS
| Andreas Jede, Frank Teuteberg

****The Contingent Effects of Social Networks on Social Learning in ERP Assimilation**
| Luan Gao, Luning Liu, Yuqiang Feng, Qing Hu

Together We Stand, Divided We Fall – Analyzing Information Systems Acquisition as Service
| Pasi Hellsten, Aki Alanne, Samuli Pekkola, Tuure Tuunanen

IT Governance and its Mechanisms

Wim Van Grembergen, Steven De Haes

OS 17 Grand Ballroom 5 Thursday, 10:00 - 11:30 am

How Business Strategy and Changes to Business Strategy Impact the Role and the Tasks of CIOs: An Evolutionary Model
| Tomi Dahlberg, Päivi Hokkanen, Mike Newman

CIO Leadership Mosaic - Results from a Qualitative Survey in the Silicon Valley and San Francisco Bay Area
| Karsten Zimmermann, Jurate Petrikina, Nils Schröder

Individual IT Roles in Business-IT Alignment and IT Governance
| Heinz-Theo Wagner, J. Meshtaf

Dotting the I and Crossing (out) the T in IT Governance: New Challenges for Information Governance
| Hans Borgman, Hauke Heier, Bouchaib Bahli, Thomas Boekamp

IT and Project Management

Joseph Weiss, Sue Newell, Jacky Swan

OS 18 Grand Ballroom 5 Thursday, 2:00 - 3:30 pm

****Success Lies in the Eye of the Beholder: The Mismatch Between Perceived and Real IT Project Management Performance**
| Fabiano G. Neves, Hans Borgman, Hauke Heier

Towards an Integrative, Multilevel Theory for Managing the Direct and Indirect Impacts of IT Project Success Factors
| Tomi Dahlberg, Hannu Kivijärvi

Shaping of Innovative IS Projects through Change Requests: Scoping Factors and Project Outcomes
| Joseph J. Nehme, Shirish C. Srivastava

OS 19 Grand Ballroom 5 Thursday, 4:00 - 5:30 pm

Does Steering Committee Information Processing Capacity Influence Project Success in Enterprise-Wide System - A Field Study
| Kris Murphy, Kalle Lyytinen, Toni Somers

Beyond the Border: A Comparative Literature Review on Communication Practices for Agile Global Outsourced Software Development Projects
| Tim Dreesen, Robert Linden, Caroline Meures, Nikolaus Schmidt, Christoph Rosenkranz

The Evolution of an Enterprise System Implementation Methodology by Adaptation through Reflexivity
| Daniela Mihailescu, Marius Mihailescu, Sven Carlsson

Open Source Application Software

Alexandra Kees, Taizan Chan, Michael Adams

OS 20 Kauai 5 Wednesday, 8:00 - 9:30 am

Attributes of Open Source Software Requirements - The Effect of the External Environment and Internal Social Structure | Deepa Gopal, Aron Lindberg, Kalle Lyytinen

**Open-Source Development Tools for Domain-Specific Modeling: Results from a Systematic Literature Review | Bernhard Hoisl, Stefan Sobernig

Business Applicability of Open Source Customer Relationship Management Systems | Dominic Raimon Markowski, Alexandra Kees

Organizational Issues of Business Intelligence, Business Analytics and Big Data

Olivera R. Marjanovic, Thilini Ariyachandra, Barbara Dinter

OS 21 Grand Ballroom 4 Friday, 8:00 - 9:30 am

Big Data – A Theory Model | Marco Pospiech, Carsten Felden
Towards an Integrative Big Data Analysis Framework for Data-driven Risk Management in Industry 4.0 | Tim Niesen, Constantin Houy, Peter Fettke, Peter Loos

**When are Real-Time Feedback Loops Most Valuable? New Insights from Bandit Simulations of Decision Making in Turbulent Environments | Joseph W. Clark

OS 22 Grand Ballroom 4 Friday, 10:00 - 11:30 am

The Impact of Business Intelligence on Corporate Performance Management | Karin Hartl, Olaf Jacob, Adheesh Budree, Louis Fourie

Empowering Business Users to Explore Visual Data Through Boundary Objects and Storytelling | Olivera Marjanovic

OS 23 Grand Ballroom 4 Friday, 1:00 - 2:30 pm

Towards a Conceptualization of Data Analytics Capabilities | Giorgi Shuradze, Heinz-Theo Wagner

Business Intelligence Capabilities and Effectiveness: An Integrative Model | Thiagarajan Ramakrishnan, Jiban Khuntia, Abhishek Kathuria, Terence Saldanha

Practice-based IS Research

Dorothy Leidner, Michael Milovich, Ester Gonzalez

OS 24 Kauai 5 Thursday, 8:00 - 9:30 am

What Does a Chief Digital Officer Do? Managerial Tasks and Roles of a New C-level Position in the Context of Digital Transformation | Anna Horlacher, Thomas Hess

How to Achieve Sustainable Business IT Alignment – Designing a Circular Organizational Structure at SAAB | Jens Ohlsson, Shengnan Han, Mats Hultin, Björn Rosengren

Amazon in the Air: Innovating with Big Data at Lufthansa | Hong-Mei Chen, Roland Schütz, Rick Kazman, Florian Matthes

Examining the Role of Social Media for Social Development: Lessons from Malaysian Soup Kitchens | Shri Gurumurthy, Shan L. Pan, Shamshul Bahri, Ali Fauzi Ahmad Khan

Social-Technical Issues in Organizational Information Technologies

Michael Knight, Dawn Medlin, Dragos Vieru

OS 25 Kauai 2 Thursday, 8:00 - 9:30 am

Measuring E-Mail Induced Information Overload from a Capacity Perspective: A Research Model and Pilot Test | Nikolai Sobotta, Erik Nessling

Toward an Ontology of Workarounds: A Literature Review on Existing Concepts | Nina Röder, Manuel Wiesche, Michael Schermann, Helmut Krcmar

Establishing ICT Governance for Regional Information Infrastructures in Healthcare | Gro-Hilde Ulriksen, Rune Pedersen, Gunnar Ellingsen

OS 26 **Kauai 2** **Thursday, 10:00 - 11:30 am**

****The Inter-organizational Dynamics of a Platform Ecosystem: Exploring Stakeholder Boundaries | Ted Saarikko, Ulrika H. Westergren, Tomas Blomquist**

The Influence of Organizational Culture on IT Governance Performance: Case of The IT Department in a Large Swedish Company | Parisa Aasi, Lazar Rusu, Shengnan Han

Society, Information, Technology, and Economics
Robert Kauffman, Eric Clemons, Rajiv Dewan, Thomas Weber

OS 27 **Kauai 2** **Friday, 8:00 - 9:30 am**

Competitive Impacts of Software Patents in the IT Industry | Sunghun Chung, Kunsoo Han, Animesh Animesh, Alain Pinsonneault

Online Trust: An International Study of Subjects' Willingness to Shop at Online Merchants, Including The Effects of Promises and of Third Party Guarantees | Eric K. Clemons, Josh Wilson, Christian Matt, Thomas Hess, Ren Fei, Fujie Jin

Versioning of Video Games: Go Vertical in a Horizontal Market? | Debabrata Dey, Atanu Lahiri

OS 28 **Kauai 2** **Friday, 10:00 - 11:30 am**

“Pay as you Go” or “All You can Eat”? Pricing Methods for Computing and Information Services | Hemant K. Bhargava, Manish Gnagwar

Optimal Retail in a Sharing Economy | Thomas A. Weber

****Strategic Network Formation in a Location-Based Social Network: A Topic Modeling Approach | Gene Moo Lee, Liangfei Qiu, Andrew B. Whinston**

OS 29 **Kauai 2** **Friday, 1:00 - 2:30 pm**

Connectivity Is Ubiquitous, but Is it Beneficial? A Numerical Approach to Assess Individuals' Valuations of Smart Home Systems | Matthias Berger, Christian Matt, Thomas Hess

Modeling Competition in Mandatory Participation Third Party Payer Business Models: The Complex Case of Sponsored Search | Eric K. Clemons, Josh Wilson

Theory and Information Systems
Dirk Hovorka, Kai Larsen

OS 30 **Grand Ballroom 7** **Wednesday, 2:00 - 3:30 pm**

Analyzing the Concept of Affordances in Information Systems | Karen Stendal, Devinder Thapa, Arto Lanamäki

Developing a Shared Taxonomy of Workaround Behaviors for the Information Systems Field | Eruani Zainuddin, Sandy Staples

****Theory-Data Maps: A Meta-Model and Methods for Inferring and Visualizing Relationships between Causal Theories and Empirical Evidences | Roland M. Mueller**

OS 31 **Grand Ballroom 7** **Wednesday, 4:00 - 5:30 pm**

Crafting Theory to Satisfy the Requirements of Systems Science | Allen S. Lee, Dionysios S. Demetis

Truth or Consequences: Theory for Explanation or Intervention? A Debate

Moderators: Dirk S. Hovorka, Kai Larsen | Panelists: Elizabeth Davidson, Alan Dennis, Dorothy Leidner, Allen Lee

Topics in Organizational Systems and Technology
Mark Frolick, Kelly Rainer, Jim Ryan

OS 32 **Grand Ballroom 4** **Thursday, 8:00 - 9:30 am**

Understanding Privacy-Control Arrangements Based on a Theory of Interactive Computation in B2C Service Models | Patricia Morizio

Effects of Information Technology on Team Innovation and Inter-team Coordination: An Exploratory Investigation of Process Ambidexterity | Chanhee Kwak, Junyeong Lee, Heeseok Lee

Examining the Factors Affecting Corporate Image from Social Networking Fan Page Usage Using the Elaboration Likelihood Model | Soo Il Shin, Dianne J. Hall, Jiahe Song, Kang Bok Lee, Teresa Lang

OS 33 **Grand Ballroom 4** **Thursday, 10:00 - 11:30 am**

Competitive Poaching of Customers in Mobile Service Market
| Xiahua Wei, Kevin Zhu

How to Build a Cloud Storage Service for Half a Million Users
in Higher Education: Challenges Met and Solutions Found
| Raimund Vogl, Dominik Rudolph, Anne Thoring, Holger
Angenent, Stefan Stieglitz, Christian Meske

Process Model Representation Layers for Financial Audits |
Michael Werner

Software Technology Track (ST)
Co-Chairs: Gul Agha and Rick Kazman

Agile and Lean: Organizations, Products and Development
Minitrack Chair: Daniel Greening, Jeff Sutherland, John Tripp

ST 1 **Grand Ballroom 4** **Wednesday, 8:00 - 9:30 am**

Adapting Agile in a Globally Distributed Software Development
| Rajeev Kumar Gupta, Prabhulinga ManikReddy

Using Scrum in Outsourced Government Projects: An Action
Research | Thatiany L. de Sousa, Elaine Venson, Rejane M. da
C. Figueiredo, Ricardo A. Kosloski, Luiz C. M. Ribeiro Júnior

Transition of Software Maintenance Teams from Scrum to
Kanban | Muhammad Ovais Ahmad, Pasi Kuvaja, Markku
Oivo, Jouni Markkula

ST 2 **Grand Ballroom 4** **Wednesday, 10:00 - 11:30 am**

Towards DevOps in the Embedded Systems Domain: Why is
It so Hard? | Lucy Ellen Lwakatare, Teemu Karvonen, Tanja
Sauvola, Pasi Kuvaja, Helena Holmström Olsson, Jan Bosch,
Markku Oivo

Kaizen Cookbook: The Success Recipe for Continuous
Learning and Improvements | Osama Al-Baik, James Miller

Agile Base Patterns in the Agile Canon | Daniel R Greening

ST 3 **Grand Ballroom** **Wednesday, 2:00 - 3:30 pm**

Seeking Technical Debt in Critical Software Development
Projects: An Exploratory Field Study | Hadi Ghanbari

Agile Big Data Analytics Development: An Architecture-Centric
Approach | Hong-Mei Chen, Rick Kazman, Serge Haziyeve

Pair Programming vs. Solo Programming: What Do We Know
After 15 Years of Research? | Carolina Alves de Lima Salge,
Nicholas Berente

ST 4 **Grand Ballroom 4** **Wednesday, 4:00 - 5:30 pm**

**Sensemaking and Complexity in Large-Scale Lean-Agile
Transformation: A Case Study from Cisco | Ken Power

Open Forum: Agile/Lean Research Challenges and
Opportunities

Big Data Engineering
Hong-Mei Chen, Ian Gorton

ST 5 **Grand Ballroom 7** **Thursday, 4:00 - 5:30 pm**

Big Data as a Service: A Neo-Metropolis Model Approach for
Innovation | Hong-Mei Chen, Rick Kazman, Serge Haziyeve,
Valentyn Kropov, Dmitri Chtchourov

EPIC-OSM: A Software Framework for OpenStreetMap Data
Analytics | Jennings Anderson, Robert Soden, Kenneth M.
Anderson, Marina Kogan, Leysia Palen

Detection and Visual Inspection of Highly Obfuscated
Plagiarisms | Andreas Schmidt, Sören Bühler, Robert Senger,
Steffen Scholz, Markus Dickerhof

Cybercrimes, Cyber-Physical Innovations, and Emerging Investigation Challenges
Brad Glisson, Raymond Choo

ST 6 Garden Isle 1 Wednesday, 4:00 - 5:30 pm

Service Set Identifier Geolocation for Forensic Purposes: Opportunities and Challenges | Maxim Chernyshev, Craig Valli, Peter Hannay
Capture the Flag as Cyber Security Introduction | Lucas McDaniel, Erik Talvi, Brian Hay
Utilizing the Cloud to Store Hijacked Camera Images | Christos Kynigos, William Bradley Glisson, Todd Anel, Todd McDonald

Cybersecurity and Software Assurance
Luanne Goldrich, Rick Linger, Richard George

ST 7 Grand Ballroom 1 Friday, 1:00 - 2:30 pm

Policy Generator (PG): A Heuristic-Based Fuzzer | Alejandro Felix, Andrew F. Tappenden, James Miller
A Unified Model for System Security Engineering Support | Thomas Llansó, Patrick Engebretson
Exploring a Systematic Approach to Malware Threat Assessment | Michele Maasberg, Myung Ko, Nicole L. Beebe

ST 8 Grand Ballroom 1 Friday, 3:00 - 4:30 pm

**SBoxScope: A Meta S-box Strength Evaluation Framework for Heterogeneous Confusion Boxes | Abrar Ahmad, Muddassar Farooq, Muhammad Amin
Online Signature Verification Based on Biometric Features | Nan Li, Jiafen Liu, Qing Li, Xubin Luo, Jiang Duan
Using the eR&D Approach to Pilot Deployment and Assessment in DHS | AJ Risko, Luanne Goldrich, Nykia Jackson, Robert Gatlin, Brian Gattoni, Richard Linger

CyberWarfare: Offensive and Defensive Software Technologies
Brian Hay, Steven LaFountain

ST 9 Grand Ballroom 5 Wednesday, 8:00 - 9:30 am

**Strategic Implications of Offense and Defense in Cyberwar | Wade L. Huntley
Mobile Konami Codes: Analysis of Android Malware Services Utilizing Sensor and Resource-Based State Changes | Jacob Boomgaarden, Joshua Corney, Holly Whittaker, George Dinolt, John McEachen
Defensive Cyber Operations in a Software-Defined Network | Thomas Parker, Jeremy Jones, Joshua Mayberry, Gassium Chanman, Zachary Staples, John McEachen, Murali Tummala

ST 10 Grand Ballroom 5 Wednesday, 10:00 - 11:30 am

Mitigating 0-days through Heap Techniques - An Empirical Study | Lucas McDaniel, Kara Nance
Open Forum with a panel of experts including Steven LaFountain, Richard M. (Dickie) George, and Victor Piotrowsk

Digital Forensics - Education, Research, and Practice
Kara Nance, Matt Bishop

ST 11 Grand Ballroom 1 Thursday, 8:00 - 9:30 am

Using Multimedia Presentations to Enhance the Judiciary's Technical Understanding of Digital Forensic Concepts: An Indonesian Case Study | Niken Dwi Wahyu Cahyani, Ben Martini, Kim-Kwang Raymond Choo
An Android Social App Forensics Adversary Model | Abdullah Azfar, Kim-Kwang Raymond Choo, Lin Liu
Text-based Document Similarity Matching Using sdtext | Clay Shields

IS Risk and Decision-Making

Dan Port, Joe Wilf

ST 12 Kauai 2 Thursday, 2:00 - 3:30 pm

Which IT Security Investments Will Pay Off for Suppliers? Using the Kano Model to Determine Customers' Willingness to Pay | Rabea Sonnenschein, André Loske, Peter Buxmann

A User-Centered Approach to Phishing Susceptibility: The Role of a Suspicious Personality in Protecting Against Phishing | Brynne Harrison, Arun Vishwanath, Raghav Rao

Optimizing Business Processes Compliance Using an Evolvable Risk-Based Approach | Sérgio Guerreiro, Rui Pedro Marques, Khaled Gaaloul

ST 13 Kauai 2 Thursday, 4:00 - 5:30 pm

Project Risk Management Incorporating Knight, Ellsberg & Kahneman | John Prpić

Developing a Value-Based Methodology for Satisfying NASA Software Assurance Requirements | Daniel Port, Joel Wilf, Madeline Diep, Carolyn Seaman, Martin Feather

Decisions and Disasters: Modeling Decisions that Contribute to Mishaps | Joel Wilf, Dan Port

Mobile App Development

Tim A. Majchrzak, Henning Heitkoetter

ST 14 Garden Isle 5 Thursday, 8:00 - 9:30 am

**Developing Apps for Visually Impaired People: Lessons Learned from Practice | Eduardo Ghidini, Wagner D. L. Almeida, Isabel H. Manssour, Milene S. Silveira

MAsCOT: Self-adaptive Opportunistic Offloading for Cloud-Enabled Smart Mobile Applications with Probabilistic Graphical Models at Runtime | Nayyab Zia Naqvi, Jonas Devlieghere, Davy Preuveneers, Yolande Berbers

An Investigation of Usability of Push Notifications on Mobile Devices for Novice and Expert Users | Wen Yong Chua, Klarissa T.T. Chang

ST 15 Garden Isle 5 Thursday, 10:00 - 11:30 am

Mobile Application Developers' Platform Choice Model | Abhinay Puvvala, Amitava Dutta, Rahul Roy, Priya Seetharaman

Meeting Quality Standards for Mobile Application Development in Businesses: A Framework for Cross-Platform Testing | Tor-Morten Groenli, Gheorghita Ghinea

Towards a Reference Architecture for Model-Driven Business Apps | Sören Evers, Jan Ernsting, Tim A. Majchrzak

Modern Trends in Parallel Computing

Peter Salhofer

ST 16 Garden Isle 5 Thursday, 2:00 - 3:30 pm

Tuning OpenCL Applications with the Periscope Tuning Framework | Enes Bajrovic, Robert Mijakovic, Jiri Dokulil, Siegfried Benkner, Michael Gerndt

OpenMP is Not as Easy as It Appears | Rogério Gonçalves, Marcos Amaris, Thiago Okada, Pedro Bruel, Alfredo Goldman
Open Forum

Securing the Cloud and the Internet of Things

William Yeager, Jean-Henri Morin

ST 17 Kuhio Theater Friday, 1:00 - 2:30 pm

Security in Internet of Things: Challenges, Solutions and Future Directions | Sathish Alampalayam Kumar, Tyler Vealey, Harshit Srivastava

Securing D2D Wireless Links by Continuous Authenticity with Legitimacy Patterns | Ibrahim Abualhaol, Steven Muegge

Software Product Lines: Engineering, Services, and Management

Timo Käkölä, Andrea Leitner

ST 18 Grand Ballroom 7 Friday, 1:00 - 2:30 pm

XANA: An End User Software Product Line Framework for Smart Spaces | Vasilios Tzeremes, Hassan Gomaa

**Understanding How Social-Behavioural Science Theory Can Explain the Design of Software Websites | Arun Vishwanath, Brynne Harrison, Yu Jie Ng

Generating App Product Lines in a Model-Driven Cross-Platform Development Approach | Jan C. Dageförde, Tobias Reischmann, Tim A. Majchrzak, Jan Ernsting

ST 19 Grand Ballroom 7 Friday, 3:00 - 4:30 pm

Feature-based Variability Management for Scalable Enterprise Applications: Experiences with an E-Payment Case | Davy Preuveneers, Thomas Heyman, Yolande Berbers, Wouter Joosen

OntoSoft Process: Towards an Agile Process for Ontology-based Software | Joice B. Machado, Seiji Isotani, Ellen F. Barbosa, Judson Bandeira, Williams Alcantara, Armando Barbosa, Ig Bittencourt

Evaluation Framework for Analyzing the Applicability of Criteria Lists for the Selection of Requirements Management Tools Supporting Distributed Software Product Line Requirements Management | Maria Florencia Santillan, Timo Käkölä

Wireless Network

Edoardo Biagioni, John McEachen, Murali Tummala

ST 20 Garden Isle 5 Thursday, 4:00 - 5:30 pm

**Cellular Synchronization Assisted Refinement (CeSAR): A Method for Accurate Geolocation in LTE-A Networks | John D. Roth, | Murali Tummala, James W. Scrofani

Cluster Head Selection in Wireless Mobile Ad Hoc Networks Using Spectral Graph Theory Techniques | Thomas Parker, John McEachen

Constructing A Shortest Path Overhearing Tree With Maximum Lifetime In WSNs | Wael Y. Alghamdi, Hui Wu, Wenguang Zheng, Salil S. Kanhere

Experimenting Broadcast Storm Mitigation Techniques in FANETs | Rayner de Melo Pires, Sergio Zumpano Arnosti, Alex Sandro Roschildt Pinto, Kalinka R L J C Branco

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Alghamdi, Wael Y.	ST20-69	Azfar, Abdullah	ST11-67	Benbasat, Izak	CL21-36	Bourdon, Isabelle	HC5-52
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Alin, Pauli	CL17-35	B		Benkner, Siegfried	ST16-68	Bozan, Karoly	HC3-52
Allal-Cherif, Oihab	IN15-57	Babb, Jeffry	OS14-63	Bent, Russell	ES2-50	Bragg, Regina	CL11-34
Alluhaidan, Ala	HC9-53	Backhaus, Scott	ES2-50	Bentes, João	HC6-52	Branco, Kalinka R L J C	ST20-69
Almeida, Wagner D. L.	ST14-68	Badayos, Noah	ES1-49	Berbers, Yolande	HC6-52,	Branding, Jan-Hauke	CL18-35
Alotaibi, Youseef	OS15-63	Bæchler, Andreas	CL19-35		ST14-68,	Brandyberry, Alan A.	IN11-56
Alsulami, Musleh	OS10-62	Bæchler, Liane	CL19-35	Berente, Nicholas	ST19-69	Brauer, Benjamin	DA13-40
Altmann, Josef	CL27-37	Baghaei-Lakeh, Arash	DA21-41		DSM2-44,	Braun, Richard	HC7-53
Amaris, Marcos	ST16-68	Bahli, Bouchaib	OS17-63	Berger, Jesper B.	ST3-66	Braunnagel, Daniel	OS2-60
Amelian, Mohammad	ES1-49	Bahri, Shamshul	OS24-64	Berger, Matthias	EG9-48	Brenner, Walter	DA11-40
					OS29-65	Briggs, Robert O.	CL26-37,
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Brockmann, Carsten	KS4-58 DA16-40,	Cavalcante, Carolina Cristina M.	EG8-48	Coelho, Taiane Ritta	EG4-47, EG8-48	de Lima Salge, Carolina Alves	ST3-66
Brodsky, Alexander	DA21-41	Cavallaro, Andrea	DA19-41	Cokkinides, George	ES8-51	de Lima, Victor Cotrim	CL4-32
Brouwer, Robin Stefan	DA13-40	Caya, Olivier	DA5-39	Colazo, Jorge	CL16-35	De Meer Alonso,	HC6-52
Brown, Robert B. K.	OS9-62	Cazier, Joseph A.	DA1-38,	Colley, Ashley	HC13-54	Enrique	
Brown, Susan A.	CL30-37		DA27-42	Comes, Tino	DA10-39	de Melo Pires, Rayner	ST20-69
Bruel, Pedro	ST16-68	Cenfetelli, Ronald T.	CL21-36	Conboy, Kieran	KS12-60	de Oliveira, Eric Tadeu	DSM9-45
Brune, Philipp	CL4-32	Chai, Peter R	HC11-54	Cong, Tianjiao	DA20-41	Camacho	
Büchner, Christian	DA19-41	Chan, Taizan	IN6-55	Conklin, Wm. Arthur	EG3-47	de Oliveira, Luiz Paulo	HC1-51
Budree, Adheesh	OS22-64	Chang, Klarissa T.T.	ST14-68	Constantinidis, Christina	OS5-61	Luna	
Buehnen, Thilo	DA11-40	Chanman, Gassium	ST9-67	Constantiou, Ioanna	DA12-40	de Oliveira, Paulo Luna	EG7-47
Buer, Tobias	DA16-40	Charalabidis, Yannis	EG1-46	Corney, Joshua	ST9-67	de Reuver, Mark	HC12-54
Buettner, Katharina	DSM16-46	Chasin, Friedrich	DA23-42,	Cornforth, David J.	CL13-34	de Sousa, Thatiany Lima	ST1-66
Buettner, Ricardo	DSM13-46,		DA24-42	Cottam, Joseph A.	DA29-43		EG8-48,
	DSM16-46	Chassi, David P.	ES6-51	Coursaris, Constantinos	IN2-55	de Souza Bermejo,	KS5-58
Bühler, Sören	ST5-66	Chen, Aihui	DSM12-45	Crawford, Curran	ES6-51	Paulo Henrique	
Burford, Sally	HC10-53	Chen, Chongyang	DA20-41	Crenshaw, Nicole	IN10-56	de Souza Carvalho,	DSM6-44
Burgoon, Judee	CL22-36	Chen, Hong	HC4-52	Croasdel, David	KS6-59	Cassia	
Burleson, Debra	OS15-63	Chen, Hong-Mei	OS24-64,	Crossler, Robert E.	IN8-56	de Souza, Wagner Vilas	EG8-48
Burmester, Mike	EG6-47,		ST3-66,	Crowe, John D.	CL27-37	Boas	
	IN8-56	Chen, Jei-Fuu	ST5-66	Cucciniello, Maria	EG13-49	Debortoli, Stefan	DSM2-44
Burns, John	HC10-53	Chen, Po-Chen	HC10-53	Cullina, Eoin	KS12-60	Degrossi, Livia Castro	CL7-33
Burwitz, Martin	HC7-53	Chen, Siyu	ES8-51	Cunha, Maria Alexandra	EG4-47,	Dehghanian, Payman	ES8-51
Busic, A.	ES8-51	Cheng, Xian	IN6-55		EG8-48	Deka, Deepjyoti	ES7-51
Busse, Sebastian	DA13-40	Cheng, Xusen	DA30-43,	D		Demetis, Dionysios S.	OS31-65
Butz, Andreas	CL8-33		OS3-61			Deng, Shuyuan	DSM5-44
Buxbaum-Conradi,	CL18-35,	Chengalur-Smith,	CL15-34,	da Costa Figueiredo,	ST1-66	Deng, Tianjie	IN9-56
Sonja	CL23-36		CL23-36	Rejane Maria		Dennis, Alan R.	CL8-33
Buxmann, Peter	DA19-41,	InduShobha	IN12-57	da Silva, Abel Pires	EG5-47	Derrick, Douglas C.	CL27-37
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	IN13-57,	Chertkov, Michael	ES2-50	da Silva, Thomaz	EG8-48	Dey, Debabrata	OS27-65
	ST12-68	Cheung, Christy M.K.	CL14-34	Anderson Barbosa		Diamantopoulou, Vasiliki	EG1-46
Buyl, Ronald	HC3-52	Cheung, Stephane	DA23-42	Dageförde, Jan C.	ST18-69	Diao, R	ES1-49
Cadioux, Jean	IN3-55	Cheung, Yen	EG14-49	Dahlberg, Tomi	OS17-63,	Dibbern, Jens	CL9-33
Caetano, Artur Miguel	OS6-61	Chew, Eng	KS2-58		OS18-63	Dickerhof, Markus	ST5-66
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Cahyani, Niken Dwi	ST11-67	Chiong, Raymond	CL13-34	Dameri, Renata Paola	EG12-49	Dini, Alfatika Aunuriella	EG5-47
Wahyu		Chipidza, Wallace	OS15-63	Davazdahemami,	DA20-41	Dinolt, George	ST9-67
		Choe, Youngchan	IN3-55	Behrooz		Dittes, Sven	DSM7-45,
C		Choi, Jungu	DA18-41	Davey, Bill	HC3-52		KS7-59
		Choi, Sanghun	ES8-51	David, José Maria N.	CL11-34	Djamasbi, Soussan	CL21-36,
Cai, Guochen	DSM17-46	Choi, Taehyon	EG15-49	Davidson, Elizabeth J.	CL31-37,		HC13-54
Camp, L. Jean	IN6-55	Choo, Kim-Kwang	ST11-67		HC9-53	Djlali, Ned	ES6-51
Campos, Fernanda	CL11-34	Raymond		Dawda, Pares	HC10-53	do N. Ribeiro, Eduardo	CL4-32
Canelon, Jesus	DSM11-45	Chou, Seng-Cho	HC10-53	de Albuquerque, João	CL7-33,	Dobson, I.	ES2-50
Cao, Mukun	CL12-34	Chtchourov, Dmitri	ST5-66	Porto	EG10-48	Doha, Ahmed	CL32-38
Cao, Zhidong	HC8-53	Chua, Wen Yong	ST14-68	de Camargo Penteado,	DSM6-44,	Dokic, Tatjana	ES8-51
Cappi, Juan M.	DA26-42	Chuang, Lisa Mei-ling	DSM11-45	Claudio Luis	DSM9-45	Dokulil, Jiri	ST16-68
Caramanis, Michael C.	ES3-50	Chung, Sunghun	OS27-65	de Cássia Silva, Rita	CL4-32	Dolata, Mateusz	CL30-37
Cardell, Judith	ES4-50	Ciriello, Raffaele Fabio	KS8-59	de Cesare, Sergio	KS13-60	Dolk, Daniel	DA5-39
Carlsson, Sven	OS19-63	Clark, Joseph W.	OS21-64	de Franca, Fabricio	DSM6-44,	Donohoo-Vallett, Pearl	ES5-50
Caroline, Ari	DA21-41	Clarke, Andrew	HC6-52	Olivetti	DSM9-45	Doong, Shing H.	DSM5-44
Carpenter, Morris	HC10-53		OS27-65,	de Freitas, Sergio Antonio	CL4-32	Dörbecker, Regine	DA25-42
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		Close, Samantha	DSM3-44	de Kinderen, Sybren	OS5-61		

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dos Santos, Pamela Aparecida	EG8-48	Faller, Hella	OS5-61	Gao, Yang	DSM12-45	Gulbrandsen, Boge	CL2-32
Doster, Barbara	HC7-53	Falschlunger, Lisa	CL22-36	Gasco, Mila	EG12-49	Guney, Sule	DA21-41
Doyle, Greg	CL10-34	Fan, Rui	ES8-51	Gatlin, Robert	ST8-67	Guo, Jin	HC9-53
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Dreesen, Tim	OS19-63	Farrelly, Ross	KS2-58	Gehring, Hermann	DA16-40	Gurba, Adam	KS4-58
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Durst, Carolin	CL33-38	Feng, Yuqiang	KS5-58, OS16-63	Ghazi, Sabri	CL6-33	Hafner, Julee	KS11-60
Dutta, Amitava	ST15-68	Ferguson, Holly T.	EG10-48	Ghezzi, Antonio	DA19-41, OS13-62	Haj-Bolouri, Amir	OS2-60
		Fernandez, Walter D.	EG5-47	Ghiassi, M.	DSM6-44	Häkkilä, Jonna	HC13-54
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		Ferris, Kevin	DA21-41	Ghinea, Gheorghita	ST15-68	Hall, Dianne J.	OS32-65
		Fettke, Peter	CL19-35	Ghuku, Bhadreswar	DA27-42	Hallikainen, Heli	IN3-55
Eaton, Ben	DA12-40, OS8-61	Feuerriegel, Stefan	DA3-38, OS21-64	Giddens, Laurie	DA2-38	Hallikas, Jukka	DA10-39, IN15-57
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Echternacht, Tiago	EG4-47		KS2-58	Gill, T. Grandon	OS1-60		
Henrique Souza		Fill, Hans-Georg	OS5-61	Gimpel, Henner	OS12-62	Hammer, Bryan	DA20-41
Effah, John	CL3-32	Fischbach, Kai	HC8-53	Gindl, Stefan	DA3-38	Hamper, Andreas	HC10-53
Ehmke, Jan Fabian	DA17-41	Fischer, Rocky	DA18-41	Giraudeau, Nicolas	HC5-52	Han, Kunsoo	OS27-65
Eisl, Christoph	CL22-36	Fisher, Brian	HC12-54	Glaschke, Christian	DA9-39	Han, Sang Pil	CL25-36
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		Gao, Fangjian	CL33-38	Greensmith, Tera Marie	DA18-41	Hassannia, Simon	KS8-59
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He, Qian	HC13-54	Holtrop, Tjitske	DSM7-45	Janczewski, Lech	IN16-57	Kappen, Dennis L.	DA13-40
He, Xiaodong	DA8-39	Homberger, Jörg	DA16-40	Jandl, Jan-Otto	DA4-38	Kapsammer, Elisabeth	CL27-37
Hechler, Philipp	DA11-40	Hoque, Md. Rakibul	HC12-54	Jang, Wonhyeok	ES8-51	Karafilidis, Athanasios	CL18-35
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Hedman, Kory W.	ES2-50	Aoki		Janson, Andreas	CL3-32	Karjaluto, Heikki	DA19-41,
Hedström, Karin	EG11-48	Horlacher, Anna	OS24-64	Jantunen, Sami	CL27-37		DSM14-46
Heffernan, Margaret	CL33-38	Horton, Graham	CL8-33	Jarvenpaa, Sirkka	OS7-61	Kärkkäinen, Hannu	OS4-61
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	KS9-59	Hsu, Wei-Yen	DA29-43	Jede, Andreas	OS24-64	Karvonen, Teemu	ST2-66
Hek, Jeroen	OS18-63	Hu, Hanqing	DA29-43	Jenkins, Jeff	CL22-36	Kasina, Saamrat	ES5-50
Helander, Nina	KS1-58	Hu, Qing	OS16-63	Jennex, Murray E.	KS6-59,	Kastner, Margit	CL3-32
Hellberg, Ann-Sofie	EG4-47	Hua, Zhongsheng	DA30-43,		KS11-60	Katell, Michael A.	DSM3-44
Hellingrath, Bernd	EG10-48		OS3-61	Jensen, Matthew	CL22-36	Kathuria, Abhishek	OS23-64
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Henningsson, Stefan	OS8-61	Huang, Mengshen	DA30-43	Jeong, Eui Jun	IN10-56	Kazman, Rick	OS24-64,
Hentenryck, Pascal van	ES2-50	Huang, Travis K.	IN4-55	Jeong, Heisawn	CL4-32		ST3-66,
Heon, Michel	ES2-50	Huang, Z.	ES1-49	Jewell, Ward	ES6-51		ST5-66
Hermann, Mario	KS9-59	Huber, Sandra	DA16-40	Jiang, Yuanchun	CL24-36	Kees, Alexandra	OS20-64
Herrera, Andrea	IN14-57	Huber, Thomas	CL9-33	Jin, Chu	DA8-39	Keijzer-Broers, Wally	HC12-54
Herterich, Matthias M.	IN16-57	Huhtamäki, Jukka	OS3-61,	JIN, Fujie	OS27-65	Keith, Mark	OS14-63
Herzog, Christian	DA11-40		OS4-61	Jin, Xin	DA8-39	Keller, Barbara	IN15-57
Hess, Thomas	KS2-58	Hui, Qing	DA28-43	Jin, Zhiyong	CL9-33	Kennedy, Deanna	DA31-43
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	OS29-65	Huntley, Wade L.	ST9-67	Johansen, Andreas Kaas	CL33-38	Kerpen, Daniel	CL18-35
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Ho, Shuyuan Mary	EG6-47,	Ingham, John	IN3-55	Kaddah, R.	ES8-51	Kim, Joo Woo	IN10-56
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Höflinger, Patrick J.	CL28-37,	Isotani, Seiji	ST19-69	Kalgotra, Pankush	CL20-36	Kirkham, Harold	OS13-62
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Makonin, Stephen	DA18-41	Mena, Marco	EG13-49	Muegge, Steven	ST17-68		CL16-35
Malicke, Dave	CL10-34	Menasce, Daniel A.	DA16-40	Mueller, Roland M.	OS30-65	Nolasco, Diogo	CL11-34
Malo, Pekka	IN15-57	Meng, D.	ES1-49	Mughal, Bilal	HC7-53	Nord, Felicitas	DA25-42
Mancheva, Lyuba	CL7-33	Meng, Helen	DA26-42	Mukherjee, Animesh	DA27-42	Noteboom, Cherie	HC4-52
Mandrella, Markus	CL10-34	Mengash, Hanan	DA21-41	Mukkamala, Alivelu	DA15-40	Nunamaker, Jay F.	CL22-36
Manea, Vlad	CL33-38	Menon, Karan	OS4-61	Mukkamala, Raghava	OS4-61	Nurmi, Niina	CL17-35
Manhart, Markus	KS1-58	Merikivi, Jani	IN10-56	Rao			
ManikReddy,	ST1-66	Meshtaf, J.	OS17-63	Müller, Maria	KS6-59	O	
Prabhulinga		Meske, Christian	OS33-66	Müller, Marius B.	CL13-34		
Manssour, Isabel H.	DSM5-44, ST14-68	Meures, Caroline	CL17-35, OS19-63	Murayama, Yuko	CL5-32, CL16-35	O'Brien, Nicole	HC1-51
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Mao, Biao	DA14-40	Meyer, Dany	CL4-32	Murphy, Kris	KS13-60	Obradovic, Zoran	ES8-51
Marais, Patrick	OS13-62	Meyn, S.	ES8-51	Murray, Gabriel	DA26-42	Oeste-Reiß, Sarah	CL26-37
Marinovici, Cristina	OS22-64	Miao, Sheng	HC9-53	Murtaza, Syed Shariyar	HC2-52	Ofe, Hosea Ayaba	DA12-40
Marjanovic, Olivera	ST1-66	Miche, Yoan	DA30-43	Myneni, Sahiti	ES8-51	Oh, HyungSeon	ES5-50
Markkula, Jouni	DA2-38	Michel, Hélène	CL28-37	Myrda, Paul		Oh, Soojung	DA17-41
Märkle-Huß, Joscha	OS20-64	Mihailescu, Daniela	OS19-63	N		Oh, Wonseok	CL25-36
Markowski, Dominic		Mihailescu, Marius	OS19-63			Ohlsson, Jens	OS24-64
Raimon	ST12-68	Mijakovic, Robert	ST16-68	Nabrzyski, Jarek	EG10-48	Ohtonen, Roope	DSM14-46
Marques, Rui Pedro	ES4-50	Mikkonen, Karri	DA10-39,	Nacke, Lennart E.	DA13-40	Oinas-Kukkonen, Harri	HC13-54
Martinez, Maria Gabriela	ST11-67		IN15-57	Najjar, Lotfollah	OS9-62	Oivo, Markku	ST1-66,
Martini, Ben	CL20-36	Miller, Claude	CL22-36	Nakamoto, Masakazu	DA23-42		ST2-66
Martins, Paulo S.	KS5-58	Miller, James	ST2-66,	Nakamura, Taiga	DA26-42	Okada, Thiago	ST16-68
Mary, Justin	DSM11-45		ST7-67	Nakano, Yuki	CL16-35	Okakwu, Chidinma	DA24-42
Massey, Anne P.	CL8-33	Minas, Randall K.	CL8-33	Nance, Kara	ST10-67	Priscilla	
Mathias, J.	ES8-51	Mindel, Vitali	HC3-52	Naqvi, Nayyab Zia	HC6-52,	Oksanen, Juha	OS4-61
Mathiassen, Lars	HC3-52	Mirbabaie, Milad	CL7-33		ST14-68	Olesen, Karin	OS11-62
Mathieu, Johanna	ES4-50	Mishra, Gaurav	IN12-57	Nardi, Bonnie	IN10-56	Oliveira, Jonice	CL11-34
Matt, Christian	OS15-63,	Mishra, Sonali R.	DSM3-44	Nasi, Greta	EG13-49	Ologeanu-Taddei,	HC5-52
	OS27-65,	Modesto, Alejandro	DA30-43	Natali, Felicia	CL25-36	Roxana	
	OS29-65	Moghim, Hoda	HC11-54	Negre, Elsa	EG12-49	Olsson, Helena	ST2-66
Matthes, Florian	OS24-64	Möhring, Michael	IN15-57	Nehme, Joseph J.	OS18-63	Holmström	
Matzner, Martin	DA24-42	Molzahn, Daniel K.	ES5-50	Nepali, Raj Kumar	EG2-47	Olsson, Marcus	DA25-42
Mauda, Leora	IN2-55	Monsted, Troels	CL33-38	Nessling, Erik	OS25-64	Orlandi, Fabrizio	EG1-46
Mayberry, Joshua	ST9-67	Montibeller, Gilberto	DA21-41	Neumann, Dirk	DA2-38,		KS11-60
McConche, Steven	HC11-54	Moon, Junghoon	IN3-55		DA4-38,	Ornatowski, Cezar	DSM12-45,
McDaniel, Lucas	ST6-67,	Moon, Taesoo	CL9-33		DA7-39	Osch, Wietske van	IN2-55
	ST10-67	Moraes, Silvia	DSM5-44	Neurauter, Manuel	CL20-36	Osunyomi, Babsile	CL23-36
McDonald, Todd	ST6-67	Morgan, Lorraine	KS12-60	Nevalainen, Anssi	IN12-57	Daniel	CL18-35
McEachen, John	ST9-67,	Morisse, Marcel	KS3-58	Neves, Fabiano G.	OS18-63	Otten, Bernward	IN14-57
	ST20-69	Morita, Hiroyuki	DA23-42	Newman, D. E.	ES2-50	Otto, Boris	
McHaney, Roger	CL20-36	Moritz, Manuel	CL23-36	Newman, Mike	OS17-63	Ouyang, Jasmine	ES5-50
McKinley, Madison	CL2-32	Morizio, Patricia	OS32-65	Ng, Yu Jie	ST18-69	Overbye, Thomas	ES8-51
McVeigh, Daniel	DA18-41	Morrison, Don	CL13-34	Nguyen, Duyen	IN10-56	Overhage, Sven	CL6-33
Medaglia, Rony	EG14-49	Morschheuser,	KS12-60	Niehaves, Björn	OS1-60	P	
Medina-Cetina, Zenon	ES8-51	Benedikt		Nielsen, Morten	EG9-48		
Meesters, Kenny	CL5-32	Mosconi, Elaine	DSM1-43	Meyerhoff		Paans, Ronald	KS1-58
Mehdiyev, Nijat	DA28-43	Moshki, Hanieh	IN8-56	Niemann, Antje	IN7-55	Padula, Giuseppe	HC6-52
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		Hamid R.		Niemi, Erkkä	KS8-59	Pal, Asim Kumar	CL11-34
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Palmer, B.	ES1-49	Popp, Roman	OS6-61	Rasthofer, Siegfried	IN7-55	Ruehl, Christopher H.	DSM14-46
Pan, Shan L.	OS24-64	Port, Daniel	ST13-68	Ratan, Rabindra	CL2-32	Ruiz, Pablo A.	ES3-50
Pantazos, Kostas	CL1-32	Pospiech, Marco	OS21-64	Rathnayake, Chamil	DSM9-45, DSM16-46	Ruoslahti, Harri	CL15-34
Papadopoulos, Homer	HC12-54	Potnis, Devendra D.	IN12-57		DA4-38	Rusu, Lazar	OS26-65
Paquette, Gilbert	KS9-59	Power, Ken	ST4-66	Ratku, Antal	HC4-52	Rutherford, James R.	EG2-47
Park, Deokgun	DA18-41	Poyrazoglu, Gokturk	ES5-50	Ratwani, Raj	CL20-36	Ryan, Ellen	HC5-52
Park, Sang Woo	ES5-50	Preuveneers, Davy	HC6-52, ST14-68, ST19-69	Ravaja, Niklas	DSM1-43, OS2-60	Ryan, Jim	HC7-53
Park, Sora	HC10-53		CL27-37	Recker, Jan	CL18-35, CL23-36	Ryan, Julie JCH	KS10-59
Park, Sungho	CL25-36	Pröll, Birgit	DA7-39	Redlich, Tobias	IN15-57	Ryu, Young U.	DA8-39, DA17-41
Parker, Kevin	HC3-52	Pröllochs, Nicolas	KS12-60, ST13-68		ST18-69	S	
Parker, Thomas	ST9-67, ST20-69	Prpić, John	EG4-47	Reichstein, Christopher	DSM11-45	Sa, Ning	OS12-62
Parnell, Gregory S.	DA22-41	Przybilowicz, Erico	ST15-68	Reischmann, Tobias	CL27-37	Saadatmand, Fatemeh	CL10-34
Parvania, Masood	ES3-50	Puvvala, Abhinay	DA10-39, IN15-57	Remus, Ulrich	DA18-41	Saarikko, Ted	OS26-65
Paul, Souren	HC5-52	Pynnönen, Mikko		Retschitzegger, Werner	ST1-66	Sachse, Pierre	CL20-36
Pauleen, David J.	KS6-59			Ribarsky, William		Sadovykh, Valeri	DSM14-46
Peckelsen, Philipp	OS15-63	Q		Ribeiro, Luiz Carlos	KS2-58, KS6-59, KS8-59	Sæbø, Øystein	EG5-47
Pedersen, Peder	HC13-54	Qi, Wei	CL24-36	Miyadaira	HC4-52	Saggiomo, Marco	CL18-35
Pedersen, Rune	OS25-64	Qi, Zijie	DA8-39	Richter, Alexander	CL22-36	Sah, Young June	CL2-32
Peinl, René	KS4-58	Qi, Zirun	IN9-56		CL33-38	Saito, Yoshia	CL16-35
Pekkola, Samuli	OS16-63	Qiao, Mu	DA26-42	Richter, Peggy	DA31-43	Sakurai, Mihoko	EG10-48
Pelizäus-Hoffmeister, Helga	CL19-35	Qin, Juan	CL24-36	Rick, Steven	CL2-32	Salatgé, Nicolas	CL6-33
Peng, Chen	DA28-43	Qiu, Chun (Martin)	IN2-55	Riechert, Jana	OS4-61	Salazar, Armando	ES1-49
Peng, Lifang	CL12-34	Qiu, Liangfei	OS28-65	Riggins, Frederick J.	IN12-57	Saldanha, Terence	OS23-64
Pentek, Tobias	IN14-57	Qureshi, Sajda	OS9-62	Rikard, RV	ST8-67	Salminen, Mikko	CL20-36
Penttinen, Esko	IN12-57			Rilla, Nina	IN9-56	Samson, Danny	KS9-59
Pereira, Anrafel F.	CL11-34	R		Rinta-Kahila, Tapani	CL8-33	Samuel, Jayarajan	IN4-55
Pereira, José Roberto	EG8-48	Raab, Markus	CL27-37	Risko, AJ		Sanchez, Conrado	ES2-50
Pereira, Wellington	EG8-48	Raber, David	OS2-60	Robinson, William N.	DSM1-43	Borraz	
Rodrigues		Radianti, Jaziar	CL5-32	Robra-Bissantz, Susanne	OS25-64	Sandberg, Johan	DA12-40
Persano, John	KS11-60	Rafaeli, Sheizaf	DSM11-45	Roch, Jeremi	DA25-42	Sandner, Philipp	CL28-37
Petcu, Roland	HC5-52	Rafelsberger, Walter	IN9-56	Röder, Nina	DA21-41	Sanfilippo, Madelyn	EG7-47
Petrikin, Jurate	OS17-63	Rahim, Md.Mahbubur	OS10-62	Roedder, Nico	KS7-59	Rose	
Picazo-Vela, Sergio	EG9-48	Rahmandad, Hazhir	DA21-41	Rojas-Cordova, Alba	KS5-58	San Nicolas-Rocca,	KS1-58
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Pick, James B.	IN12-57	Rajana, Balaraman	OS13-62	Rosa, Priscila Luiz	HC11-54	Santana, Alixandre	OS5-61
Pierre, John W.	ES1-49	Rajanan, Dorina	CL20-36	Rosehart, William	OS24-64	Santillan, Maria	ST19-69
Piguing, Arceli	CL9-33	Rakai, Logan	ES7-51	Rosen, Rochelle	OS19-63	Florencia	
Pinggera, Jakob	CL20-36	Ramakrishnan, Arun	HC6-52	Rosengren, Bjorn	EG12-49	Santos, Caroline Q.	DSM5-44
Pinsonneault, Alain	OS27-65	Ramakrishnan, Thiagarajan	OS23-64	Rosenthal-Sabroux, Camille		Sarigianni, Christina	KS1-58
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Roschildt		Ramaprasad, Arkalgud	CL33-38, EG13-49	Roth, John D.	ST20-69	Sarlin, Peter	DA30-43
Piramuthu, Otto	DSM10-45	Randrup, Nils	CL29-37	Rothenberger, Marcus	OS2-60	Sarnikar, Surendra	HC4-52
Benjamin		Rantakari, Juho	HC13-54	Roy, Rahul	ST15-68	Sasaki, Jun	CL5-32
Piramuthu, Selwyn	IN11-56	Rao, Raghav	ST12-68	Roztocki, Narcyz	IN5-55	Sasan, Jasmeet	KS13-60
Pischdotchian, Armen	DA26-42	Rapun, Jose Manuel	HC6-52	Rubens, Neil	OS3-61	Sauvola, Tanja	ST2-66
Plachkinova, Miloslava	HC9-53	Martin		Rudkevich, Aleksandr	ES3-50	Savarimuthu, Bastin	DA7-39
Plenter, Florian	DA24-42	Rarog, Taras	CL8-33	Rudkevich, Tabors	ES7-51	Tony Roy	
Poba-Nzaou, Placide	CL16-35			Caramanis		Sayles, Sheridan	DSM4-44
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Scheepers, Helana	OS10-62	Shields, Clay	ST11-67	Starbird, Kate	DSM6-44	Talgar, Cigdem	CL1-32
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Schlauderer, Sebastian	CL6-33	Shin, Myungho	OS32-65	Steinbart, Paul	OS14-63	Tan, Joseph	HC1-51
Schlicher, Bob G.	EG6-47	Shin, Soo Il	DA23-42	Steinfeld, Charles	DSM12-45	Tan, Yong	CL23-36
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Schmidhammer, Georg	DSM5-44	Shukla, Prashant	OS23-64	Stendal, Karen	OS30-65	Tang, Ziyi	HC9-53
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Schmidt, Rainer	CL20-36	Siepermann, Markus	DA24-42		OS4-61	Tate, Mary	DSM13-46
Schnitzer, Daniel	EG12-49	Siltaloppi, Jaakko	DSM5-44, ST14-68	Still, Kaisa	DSM12-45	Taylor, Simon	HC6-52
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Scholz, Steffen	CL27-37	Singh, Rajendra Sisson,	KS10-59	Stojanovic, Jelena	DSM2-44	Teixeira, Marco Antonio	EG8-48
Schönböck, Johannes	KS1-58	Philip William	CL17-35	Straub, Tim	DA25-42	Carvalho	HC7-53
Schoon, Keith	OS17-63	Sivunen, Anu	DSM15-46	Stroehle, Philipp	HC13-54	Tepponen, Merja	HC6-52
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Schuler, Richard	EG7-47	Slavin-Borovskij,	DA21-41	Struezlinger, Wolfgang	HC6-52	Teubner, Timm	DSM2-44,
Schulze, William	EG4-47	Konstantin	CL13-34	Subira, Miguel	HC1-51		EG8-48,
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Schütz, Roland	IN7-55	Smedlund, Anssi	CL1-32	Summers, Jama D.	CL24-36	Thapa, Devinder	KS1-58
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	CL27-37	Smith, Gillian	DA17-41	Sun, Jianshan	DA30-43,	Thatte, Anupam A.	CL30-37
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Schwaiger, Manfred	SMolander, Kari	Smith, L. Douglas	DSM7-45,	Sun, Yongqiang	CL32-38,		EG13-49,
Schweiger, Petra	CL27-37	Smolnik, Stefan	KS6-59, KS7-59		DSM12-45,	Thiebes, Scott	IN13-57
Schwinger, Wieland	ST20-69	Snyder, Jaime	DSM7-45	Sundaram, David	DSM15-46	Thiel, Lea	CL33-38
Scott, Judy	ST13-68	Sobernig, Stefan	OS20-64	Sunyaev, Ali	DSM14-46	Thind, Herpreet	EG11-48
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Seghiri, Rachida	OS13-62	Söllner, Matthias	OS18-63	Sutherland, Steven C.	DA2-38	Thorson, Stuart	OS33-66
Seidel, Stefan	OS7-61		OS32-65	Suthers, Daniel D.	CL1-32	Tibben, William	DSM8-45
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Senator, Ted E.	DA19-41	Soper, Daniel S.	KS1-58		OS2-60	Timsina, Prem	IN8-56
Senger, Robert	ES4-50	Soror, Amr	DSM5-44		DSM8-45	Toh, Keith	DA7-39
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Shan, Yuquan	KS5-58	Spiro, Emma S.	ST17-68			Toppenberg, Gustav	DSM15-46
Shang, Yanyan	CL20-36	Srinivasan, Nikhil	OS18-63			Traficante, Regina	OS8-61
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Shao, Zhen	ES5-50	Srivastava, Shirish C.				Trasel, Marcelo	DA18-41
Sharda, Ramesh	CL32-38,	Stahl, Amy J.				Trauth, Eileen	DSM5-44
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Tsotsos, Lia E.	DA13-40	Virtanen, Lasse	ST12-68,	Weidner, Robert	CL18-35	Wu, Yiming	ES7-51
Tulu, Bengisu	HC13-54		ST18-69	Weilemann, Erica	CL4-32	Wu, Ying	DA8-39
Tummala, Murali	ST9-67,	Vishwanath, Arun	ES7-51	Weinhardt, Christof	CL13-34,	Wulfsberg, Jens	CL23-36
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Turitsyn, Konstantin	ES2-50	Vogl, Raimund	CL7-33		DSM2-44,	X	
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Turoff, Murray	CL6-33	von Briel, Frederik	DA24-42	Weiss, Joseph W.	IN12-57	Xiao, Bo	CL14-34,
Tuunainen, Virpi	DA12-40,	von Hoffen, Moritz	DA21-41	Weissenfels, Silke	DSM7-45		CL31-37
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Tuunanen, Tuure	DA10-39,	Vyakaranam, B.	EG8-48	Wendt, Jonathan	HC10-53	Xie, Le	ES3-50
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Twyman, Nathan	CL22-36	W		Werner, Michael	OS33-66	Xu, Fanjiang	DA7-39,
Tylavsky, Daniel	ES5-50			Wernz, Christian	DA21-41,		IN9-56
Tzeremes, Vasilios	ST18-69	Wagenknecht, Thomas	OS17-63,		HC4-52	Xu, Ping	CL9-33
			OS23-64	Werth, Dirk	DA28-43	Xu, Qingyu	ES5-50
U		Wagner, Heinz-Theo	IN4-55	Westergren, Ulrika H.	OS26-65	Xu, Qingyuan	DA9-39
Uebernickel, Falk	DA11-40	Wagner, Kerstin	DSM11-45	Westerman, David K.	DSM15-46	Xu, Ti	ES8-51
Ugaddan, Reginald	EG11-48	Waizenegger, Lena	HC11-54	Westwood, James A.	DA27-42	Xu, Xuexin	EG13-49
Ulriksen, Gro-Hilde	OS25-64	Walaska, Kristen	DA6-39	Whinston, Andrew B.	OS28-65	Xu, Yue	IN6-55
Unnikrishnan, P.	OS11-62	Wamba, Samuel Fosso	CL2-32	White, Gregory B.	EG2-47	Xu, Yujing	OS3-61
Upmanyu, Abhishek	DA27-42	Wanek, Celina	DA7-39,	Whittaker, Holly	ST9-67	Xu, Yunjie	HC4-52
Uppstrom, Elin	EG4-47		IN9-56	Wich, Maximilian	CL14-34		
Upreti, Bikesh Raj	IN15-57	Wang, Hao	HC8-53	Wicker, Stephen B.	DSM17-46	Y	
Uwizeyemungu,	CL16-35	Wang, Jiaojiao	CL24-36	Wickramasinghe,	CL33-38,		
Sylvestre		Wang, Jinkun	HC13-54	Nilmini	HC11-54	Yan, Jubo	ES5-50
		Wang, Lei	CL32-38,	Widergren, Steve	OS13-62	Yan, Xiangbin	CL23-36
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Van de Walle, Bartel	CL5-32	Wang, Tianming	DSM6-44		CL30-37	Yates, David J.	IN12-57
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Vatrapu, Ravi	CL1-32,	Wang, Yibo	IN9-56	Winkler, Maike	CL9-33	Yin, Hongzhi	DA7-39
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Vaughan, Stephen	HC11-54	Wang, Yu-Chan	DA29-43	Winter, Robert		Young, Amber G.	IN1-54
Väyrynen, Hannele	KS1-58	Wang, Yujue	ES7-51	Wintermeyer, Anja	OS2-60	Yu, Guang	KS5-58
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	HC1-51	Wei, Pei-Shan	DSM13-46	Wu, Jianben	KS5-58	Zamani-Dehkordi,	ES7-51
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		Weibel, Nadir	CL22-36	Wu, Ling-Ling	HC10-53		
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Zhang, Hui	KS5-58
Zhang, Jun	KS5-58
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Zhou, Wei	DSM12-45, DSM15-46
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Zlotnik, Anatoly	CL24-36
Zugal, Stefan	DSM6-44
Zuppo, Larissa Avelino	DSM10-45, IN11-56
Zurada, Jozef	CL25-36

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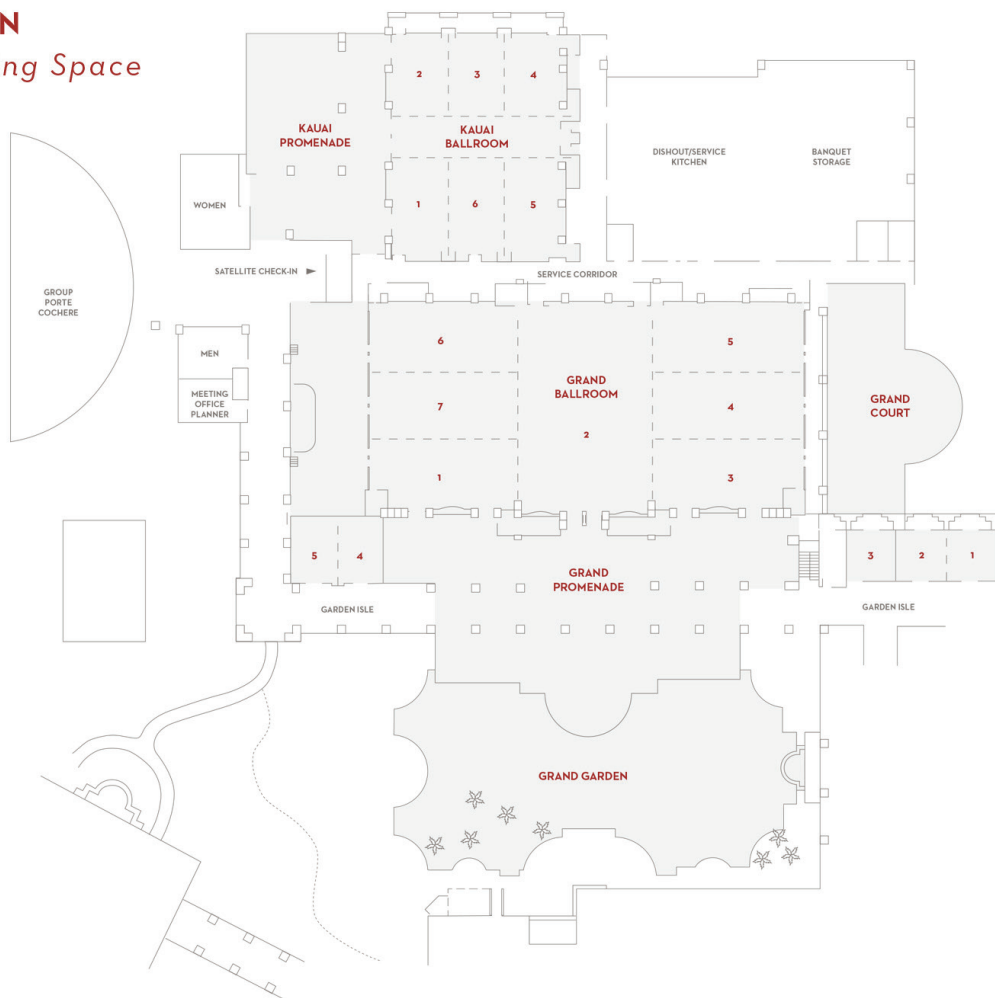
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FLOOR PLAN

Indoor Meeting Space



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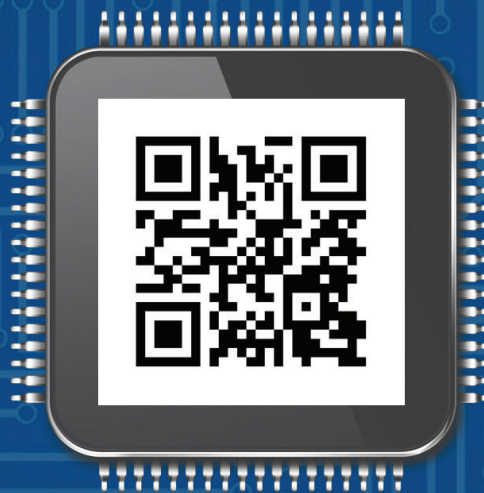
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Outdoor Function Space





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