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

Co-Creating Innovations
Minitrack Chairs: 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
Minitrack Chairs: 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 Deportoli, 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

** Best Paper Nomination
A Critical Reflection on Social Media Research Using an Autoethnographic Approach
Jordan Eschler

Data Analytics and Data Mining for Social Media
Minitrack Chairs: 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, Silvia 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
Minitrack Chairs: Carsten Osterlund, David Ribes, Daniela Rosner

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

** Best Paper Nomination
**Network Analysis of Digital and Social Media**  
Minitrack Chair: Devan Rosen, George A. Barnett

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| **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**  
Minitrack Chairs: David Sundaram, Gabrielle Peko, Shahper Vodanovich

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

**Social Media and Learning**  
Minitrack Chairs: Maarten de Laat, Caroline Haythornthwaite, Daniel D. Suthers

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<td>DSM 11</td>
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| 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 |

** Best Paper Nomination
**Social Media and Enterprise**

Minitrack Chairs: 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**

Minitrack Chairs: 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 Karjaluoto

**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 Skoric

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

**Best Paper Nomination**
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

**Space, Location Data, and Social Media Information**
Minitrack Chairs: Jim Thatcher, Britta Ricker

**DSM 17**

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

** Best Paper Nomination