



Wednesday, August 15

SIGED - Analytics & Visualization with SAS and Tableau

8:00 - 13:00 Foster 1

MIS Quarterly Author Development Workshop

12:30 - 17:30 Strand 13A

Registration

16:00 - 18:00 Elite Registration Desk First Floor

Consortia Welcome Reception

17:30 - 18:30 Foster 1

Doctoral Consortium

7:00 - 14:45 Empire A

Thursday, August 16

Registration

7:00 - 19:30 Elite Registration Desk First Floor

Set-Theoretic Methods Qualitative Comparative Analysis (QCA) for IS Research

8:00 - 12:00 Strand 2

Set-Theoretic Methods: Qualitative Comparative Analysis (QCA) for IS Research
Young Ki Park, George Washington University
James Denford, Royal Military College of Canada

Automated Machine Learning for All Business Majors and Levels

8:00 - 14:00 Strand 1

Kai Larsen, Chair

Automated Machine Learning (AutoML) for all Business Majors and Levels
Kai Larsen, University of Colorado

Social Media Operationalized for Locational Analytics: A Hands-On Tutorial

8:00 - 12:00 Strand 7

Social Media Operationalized for Locational Analytics: A Hands-on Tutorial Utilizing NLP, Topic Modeling, and GIS

Brian Hilton, Claremont Graduate University

Thursday, August 16



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Anthony Corso, California Baptist University
Sarah Osailan, Claremont Graduate University

Simulation Games for Engaging ERP Education

8:00 - 13:00 Bolden 4

Simulation Games for Active Learning of ERP Concepts
Jean-Francois Michon, HEC Montreal
Forough Karimi-Alagheband, HEC Montreal
Felix Gaudet-Lafontaine, HEC Montreal

An Examination of Blockchain Technology to Track Digital Assets of Value

8:00 - 12:00 Strand 4

Mid-Career Faculty Consortium

8:30 - 12:30 Bolden 2

Junior Faculty Consortium

8:30 - 12:30 Bolden 3

Empower your students to build real-world solutions: Integrate the leading low-code platform into Information Systems Curriculum by Mendix

9:00 - 14:00 Strand 12B

Workshop SIG Culture: Culture in IS: Conducting Innovative Publications

9:00 - 11:00 Strand 11B

AMCIS EC Meeting

9:00 - 12:00 Foster 1

Teaching Big Data Analytics and Machine Learning with Cloud Technology

10:00 - 13:00 Strand 3

Teaching Big Data Analytics and Machine Learning with Cloud Technology and Python
Thuan Nguyen, University of North Texas

Poster Display

12:30 - 18:30 Elite A



Thursday, August 16

Doctoral Student Corner

13:00 - 18:30 Foster 2

The doctoral student corner is a dedicated space for doctoral students attending the conference to orient to the AMCIS experience and to connect with others in the field. This space will be available throughout the conference as a place for doctoral students to network and relax between conference events. *Sponsored by Indiana University.*

AIS Member Connect

14:00 - 15:00 Empire CD

All AMCIS 2018 Attendees are invited to get involved at AIS Member Connect! Join AIS leaders and fellow members to learn more about AIS programs and services at this free event open to all AMCIS attendees! During AIS Member Connect, participate in interactive games, enjoy complimentary beverages, and enter to win a free year of AIS membership! Additionally, AIS Member Connect will give you the opportunity to get to know Community leaders, join a SIG based on your research preferences, learn about the benefits of AIS membership, and more. Don't miss this chance to take full advantage of your AIS membership and increase your involvement in IS.

AMCIS 2019 Committee Meeting

14:00 - 17:00 Imperial 12

Exhibits

15:00 - 18:30 Elite A

TREO: Social Media and Networking

15:00 - 16:30 Bolden 3

Ziyue Huang, Chair

Quitting the Problematic Use of Social Networking Sites: A Theoretical Model and Empirical Examination of Organizational Employees

Chongyang Chen, Soochow University

Do You Regret Using Social Media? Understanding the Role of Dark Side of Social Media in Regret and Discontinuance Behavior

Ziyue Huang, University of North Carolina at Greensboro

Prashant Palvia, University of North Carolina at Greensboro



Thursday, August 16

Information Credibility and Perceived Privacy in Social Commerce Age
Nick Hajli, Swansea University

Teenage Social Media Use and Coping with Stress: The Case of Alzheimer's
Akum Dhillon, Collegiate School

How Does This Benefit Me? An Employee's Value Perception of Enterprise Social Media
Jeff Cummings, University of North Carolina Wilmington

Social Networking in a Virtual Environment
Aisius David, University of North Texas
Md Rasel Al Mamun, University of North Texas
Daniel Peak, University of North Texas

TREO: Models and Framework in IT

15:00 - 16:30 Bolden 6

Rishikesh Jena, Chair

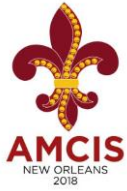
The Privacy Paradox Through the Lens of Congruent Level Theory
Akmal Mirsadikov, Iowa State University
Mahdi Samimi, Iowa State University
Mahdi Moqri, Iowa State University

Care Coordination Conceptual Framework
Rima Gibbings, UIC
Nilmini Wickramasinghe, Deakin University & Epworth HealthCare

Understanding EHR Assimilation Using Social Information Processing Cues
Rishikesh Jena, The University of Alabama
Vishal Shah, Central Michigan University

Using Mental Models to Understand the ICT Adoption Process
Alejandro Cataldo, Universidad de Talca

Detection of Review Manipulation
Kavita Krishnan, University of Houston- Victoria
Yun Wan, University of Houston- Victoria



Thursday, August 16

A Networked Taxonomy of Perceptions towards Electronic Medical Record Systems and the Circumstances in Which They Are Formed

Roopa Raman, University of Dayton

Merete Hvalshagen, University of Dayton

TREO: Mobile Applications

15:00 - 16:30 Strand 7

John Gallagher, Chair

Trusted Apps - Analysis and Evaluation of Mobile Medical Applications

Henning Schneider, University of Applied Sciences Giessen

Thomas Friedl, University of Applied Sciences Giessen

Miloslava Plachkinova, University of Tampa

Integration of Mobile Health and HER

Neetu Singh, University of Illinois Springfield

Sumantra Sarkar, Binghamton University

Upkar Varshney, Georgia State University

Rethinking Into Programming: A Light-lifting, High-impact Flipped Class Teaching Programming Through iOS App Development

John Gallagher, Boston College

John Fitz Gibbon, Boston College

Shirly Cho, Boston College

Jorge Mahecha, Boston College

The Relationship between Mobile Web and Mobile App Channels for Retailers

Ziqing Yuan, City University of Hong Kong

Hailiang Chen, City University of Hong Kong

Digital Entrepreneurship: A Path to a More Inclusive Digital Future

Jonathan P. Allen, University of San Francisco

Architectural Drivers of EHR Integration and Assimilation

Rishikesh Jena, The University of Alabama

Vishal Shah, Central Michigan University



Thursday, August 16

TREO: Information Technology

15:00 - 16:30 Strand 12A

Gerard De Leoz, Chair

Developing IT Applications without Coding: An Experiential Inter-Team-Based Approach

Gerard De Leoz, University of Tampa

Farouq Alhourani, University of Tampa

Bimodal IT: Predictability versus Exploration

Luiz Fernando Valente, Universidade Federal do Estado do Rio de Janeiro

Claudia Cappelli, Universidade Federal do Estado do Rio de Janeiro

Luciana Salgado, Universidade Federal Fluminense

The Exploration of E-personality in IT-enabled Value Co-creation

Chih-Yuan Chou, Purdue University

What are the Problems and Their Solutions in IT Project Manager Selection?

Ali Reza Afshari, Shirvan Branch Islamic Azad University

Jolanta Kowal, University of Wroclaw

Shadow-IT System and Insider Threat: Opportunity as a Situational Perspective

Asif Shaikh, Florida State University

A Study of IT Security Policies

Hassan Alyami, Dakota State University

James Boit, Dakota State University

Omar El Gayar, Dakota State University

TREO: Information Systems Design and Analysis

15:00 - 16:30 Strand 1

Michael Erskine, Chair

Decision-Making Participation and Locus of Control Among Military MIS Managers in Poland

Monika Ziobrowska, University of Wroclaw Institute of Psychology



Thursday, August 16

A Review of Systems Science in the Information Systems Discipline

Michael Erskine, Middle Tennessee State University

Misagh Faezipour, Middle Tennessee State University

A Citation Analysis of the Basket of Eight IS Journals

Parham Amiri, University of Florida

Mahdi Moqri, Iowa State University

Information Systems Research Impact on Informing Policy

Mahdi Moqri, Iowa State University

Akmal Mirsadikov, Iowa State University

Parham Amiri, University of Florida

Integrating Gait Features into Clinical Decision Support Systems

Elham Rastega, University of Nebraska at Omaha

Hesham Ali, University of Nebraska at Omaha

Information Systems Design Considerations for Reducing Alarm Fatigue in ICU

Balaraman Rajan, CSU East Bay

Surendra Sarnikar, CSU East Bay

TREO: Healthcare

15:00 - 16:30 Strand 10A

Lily Popova Zhuhadar, Chair

Health Consumers' Information Search: Daily Search Triggers and Preferred Media Capability

Hyeyoung Hah, Florida International University

Xuan Tan, Florida International University

Manjul Gupta, Florida International University

Healthcare Analytical System to Predict Necessary Resources in Case of Crises

Lily Popova Zhuhadar, Western Kentucky University



Thursday, August 16

Geographic Variations and The Utilization of Health Care Resources

Tareq Nasralah, Dakota State University

Abdullah Wahbeh, Slippery Rock University of Pennsylvania

Cherie Noteboom, Dakota State University

Yong Wang, Dakota State University

A Systematic Review of Health Interventions for Public Healthcare in East Africa

Patrick Ndayizigamiye, University of KwaZulu-Natal

Manoj Maharaj, University of KwaZulu-Natal

Using Open Healthcare Datasets to Teach Health Data Analytics

Chi Zhang, Kennesaw State University

Motivating Health Information Exchange Use as a Formative Construct for Measuring Quality of IT-Enabled Healthcare Delivery

Daniel N. Treku, The University of Texas Rio Grande Valley

Nan Xiao, The University of Texas Rio Grande Valley

TREO: Education

15:00 - 16:30 Strand 11A

Dawn Owens, Chair

A Framework for Teaching the Undergraduate Data Analytics Course

Jason Triche, University of Montana

Gamification for Achieving Sustained Engagement in Programming Classes

Nargess Tahmasbi, Penn State University

Alexander Fuchsberger, University of Nebraska Omaha

Master Curriculum in 'Digital Service Innovation'

Michel Thomsen, Halmstad University

Maria Akesson, Halmstad University

Using SCRUM Principles to Transform the Classroom

Dawn Owens, University of Texas at Dallas

Gaurav Shekhar, University of Texas at Dallas



Thursday, August 16

Factors Influencing Student Enrollment in the Information Systems Major
Minoo Modaresnezhad, University of North Carolina Wilmington
Jeff Cummings, University of North Carolina Wilmington

Implications of Web APIs for Teaching and Research
Timothy Olsen, Gonzaga University

TREO: Analytics

15:00 - 16:30 Strand 10B
Daniel Power, Chair

Analytics and Evidence-based Decision Making
Daniel Power, University of Northern Iowa
Dale Cyphert, University of Northern Iowa
Roberta Roth, University of Northern Iowa

The Fit of Data Visualization Design for Knowledge Activation
Kari Sandouka, Dakota State University
Cherie Noteboom, Dakota State University
Surendra Sarnikar, Cal State East Bay

Experience on Consumer Purchasing Decision-making: a Study of Anchoring Effects
Jiang Hu, Texas Tech University
Wei He, Texas Tech University

Investigating the Impact of Governance on Value Co-creation in Analytics Ecosystems
Hossein Kalantarm University of Colorado Denver

Processing Electronic Medical Records to Improve Predictive Analytics for Hospital Readmissions
Hamed Zolbanin, Ball State University

Digital Transformation - Role of Agility in Business Processes
Abayomi Baiyere, Copenhagen Business School, Denmark
Tommi Tapanainen, Pusan National University
Hannu Salmela, University of Turku



Thursday, August 16

Strategic Uses of IT Capabilities, Governance and Service Management

15:00 - 16:30 Strand 11B

Edimara Luciano, Chair

Aligning Enterprise Systems Capabilities with Business Strategy: An Extension of the Strategic Alignment Model (SAM) using Enterprise Architecture

Prithvi Bhattacharya, Higher Colleges of Technology, UAE

How Digital Business Strategy Affects Profitability: Opening the "Black Box" of Performance

Matthias Murawski, ESCP Europe Business School Berlin

Julian Buehler, ESCP Europe Business School Berlin

Malte Martensen, IUBH School of Business and Management

Christina Rademacher, Promerit AG

Markus Bick, ESCP Europe Business School Berlin

Evaluation of Cross-Organizational Business Processes for Data Collection Initiatives</p></div>
<div data-bbox="111 523 420 539" data-label="Text"><p>Alessio De Santo, University of Neuchatel</p></div>
<div data-bbox="111 541 614 558" data-label="Text"><p>Ulysse Rosselet, University of Applied Sciences Western Switzerland</p></div>
<div data-bbox="111 560 606 576" data-label="Text"><p>Cedric Gaspoz, University of Applied Sciences Western Switzerland</p></div>
<div data-bbox="111 588 654 605" data-label="Section-Header"><h3>Technology Enhanced Collaborative Learning & Nifty Assignments</h3></div>
<div data-bbox="111 607 300 624" data-label="Text"><p>15:00 - 16:30 Bolden 1</p></div>
<div data-bbox="111 626 273 642" data-label="Text"><p>Rassule Hadidi, Chair</p></div>
<div data-bbox="111 662 613 679" data-label="Text"><p>Students' Learning Experience in Flipped Classes Using Social Media</p></div>
<div data-bbox="111 681 451 697" data-label="Text"><p>Amir Talaei-Khoei, University of Nevada Reno</p></div>
<div data-bbox="111 699 341 716" data-label="Text"><p>Jay Daniel, University of Derby</p></div>
<div data-bbox="111 718 454 734" data-label="Text"><p>Mohsen Dokhanchi, University of Queensland</p></div>
<div data-bbox="111 754 580 770" data-label="Text"><p>Hands-on Exercises and Assignments on Google Cloud Platform</p></div>
<div data-bbox="111 772 514 788" data-label="Text"><p>Tai-Yin Chi, California State University, San Bernardino</p></div>
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Thursday, August 16

Understanding ERP Learning Success in Flipped Classrooms

Saifur Bhuiyan, University of Arkansas
Soheil Goodarzi, University of Arkansas
Jennifer Large, University of Arkansas
Christina Serrano, Colorado State University
Susan Bristow, University of Arkansas

Big Data and Business Transformation

15:00 - 16:30 Strand 9

Ilias Pappas, Chair

Q&As and Reviews: Substitutes or Complements?

Gaurav Jetley, University of South Florida
Shivendu Shivendu, University of South Florida

Scaling Up Beyond Walls: Discovering New Revenue Streams

Uchenna Peters, Baylor University
Eric Villafranca, Baylor University
Hope Koch, Baylor University

Theoretical Support for Enhancing Data Quality: Application in Electronic Medical Records

Caihua Liu, University of Technology Sydney
Amir Talaie-Khoei, University of Nevada
Didar Zowghi, University of Technology Sydney

TREO: Healthcare Technology Impacts

15:00 - 16:30 Bolden 5

Iris Reychav, Chair

Media Impact on Patient Empowerment in Complicated Medical Situations

Iris Reychav, Ariel University
Roger McHaney, Kansas State University
Lin Zhu, Ariel University
Rami Moshonov, Assuta Ramat Hahaial Medical Center



Thursday, August 16

Evaluation of Voice Authentication for Patient Health Record Access

Jeanette Rose, University of Nebraska at Omaha
John Windle, University of Nebraska Medical Center
Ryan Schuetzler, University of Nebraska at Omaha
Ann Fruhling, University of Nebraska at Omaha

mHeath Technology: Collaborating for Good

Zonayed Mahid, Baylor University
Gina Green, Baylor University
Hope Koch, Baylor University
Shelby Garner, Baylor University
Julia Hitchcock, Baylor University
Phil Young, Baylor University

Value of Electronic Health Records since HITECH: A Literature Review

Shikha Modi, University of Alabama at Birmingham
Sue Feldman, University of Alabama at Birmingham

Impact of Free Online Medical Consulting Service on Physician Performance

Yiyang Bian, City University of Hong Kong
Jianwei Liu, Harbin Institute of Technology
Dong Jing, Harbin Institute of Technology
Qiang Ye, Harbin Institute of Technology

Alleviating Emergency Department Congestion

Anjee Gorkhali, Old Dominion University

TREO: Healthcare Technology Implementations

15:00 - 16:30 Bolden 4

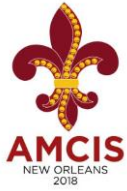
Benjamin Schooley, Chair

Real time Monitoring of the Health of Infants

Tina Susan Thomas, KCG College of Technology Chennai
Abraham Cyril Issac, Indian Institute of Technology Madras

So Talk to Me: Designing Voice-enabled Tools for Health-related Information

Sandeep Puro, Bentley University
Yanling Xu, Bentley University



Thursday, August 16

Platforms for Sharing Health-related Information: A Preliminary Design Proposal

Ian-Manuel Markwei, Bentley University

Sandeep Purao, Bentley University

Comprehensive Framework for the Design of Diabetes Registries

Hassan Alyami, Dakota State University

Omar El Gayar, Dakota State University

NLP in Electronic Health Records: A Decade Perspective

James Boit, Dakota State University

Hassan Alyami, Dakota State University

Omar El Gayar, Dakota State University

User Experience Design of a Patient Reported Outcome System for Musculoskeletal Care

Benjamin Schooley, University of South Carolina

John Brooks, University of South Carolina

Charles Thigpen, University of South Carolina

Neset Hikmet, University of South Carolina

TREO: Predictive Analytics

15:00 - 16:30 Bolden 2

Amir Zadeh, Chair

The Effects of Gender On The Adoption of Smartphone: An Empirical Investigation

Efosa Idemudia, Arkansas Tech University

Ogechi Adeola, Lagos Business School

Nubi Achebo, Lagos Business School

Mahesh Raisinghani, Lagos Business School

Nicholas Omoregbe, Covenant University

Text Mining for Factors

Andres Diaz Lopez, Arizona State University

Yuan Xue, Penn State Berks

Xiang Guo, Missouri State University

Predicting Brand Post Popularity in Online Social Networks: An Ex-Ante Approach

Amir Hassan Zadeh, Wright State University

Ramesh Sharda, Oklahoma State University



Thursday, August 16

Exploring the Effects of System Alert Notifications on End-User Security Behavior Intentions
Roberto Sandoval, University of Texas, San Antonio

Analyze the Factors of Firms to Rely on Internal and External Suppliers
Jiang Hu, Texas Tech University

Oil Prices Forecasting: A Hybrid Approach
Manas Tripathi, Indian Institute of Management, Rohtak
Inderjeet Kaur, Indian Institute of Management, Rohtak

TREO: Blockchain and IoT

15:00 - 16:30 Strand 2

David Firth, Chair

Digital Currencies and Employers' Expectations of Business Graduates
Carmella Parker, Northwestern State University
Lily Pharris, Northwestern State University
Eddie Horton, Northwestern State University

Teaching Blockchain in the MIS Curriculum
David Firth, University of Montana

Smartwatches as Smart Shopping Devices: Enhanced Information Retrieval in an Omni-channel Environment
Teun Koldewij, University of Twente
Ton Spil, University of Twente
Björn Kijl, University of Twente

Blockchain-Enabled Trust: The Case of Inter-Firm Dataflow
J Leon Zhao, City University of Hong Kong
Shaokun Fan, Oregon State University
Eric Zheng, University of Texas, Dallas

Smart Locks: Evaluating the Roles of Security, Trust, and Perceived Risk on Consumer Adoption
David Bourrie, University of South Alabama

Organizational Change in the Artificial Intelligence Age: The Case of Marketing and Sales
Yin Yang, Missouri University of Science and Technology
Keng Siau, Missouri University of Science and Technology



Thursday, August 16

TREO: Agile Project Management

15:00 - 16:30 Foster 1

Bruce Herniter, Chair

Comparing the Use of Agile Methodologies in the Classroom

James S. Gray, University of North Carolina – Wilmington

Elizabeth White Baker, University of North Carolina – Wilmington

WHOSE STAKE IN OPEN SOURCE SOFTWARE PROJECTS

Carlos Denner dos Santos, University of Brasilia

The Influence of Goal Orientation, Goal Commitment, and Implementation Mindset on Project Success

Melinda Korzaan, Middle Tennessee State University

Michael Erskine, Middle Tennessee State University

Large-Scale Agile Methodology Acceptance

Dinesh Batra, Florida International University

An Exploration of Agile Project Management & Technical Debt

Christopher Sibona, University of North Carolina Wilmington

IT Project Crisis and Escalation

Bruce Herniter, Louisiana Tech University

Michele Maasberg, Louisiana Tech University

TREO: Big Data

15:00 - 16:30 Strand 13B

Vivek Singh, Chair

Big Data Analytics in Human Resource Management and Their Impact: Theoretical Development and Empirical Results

Helen Han-Haas, Youngstown State University

Gang Peng, California State University Fullerton

Theory of Dataphoric Space: A Dataphoric Systems Theory

Michael Pritchard, Dakota State University

Cherie Noteboom, Dakota State University



Thursday, August 16

smartCVC: Data Science Meets Corporate Venture Capital

Ruiyun XU, City University of Hong Kong

Hailiang CHEN, City University of Hong Kong

J. Leon ZHAO, City University of Hong Kong

Big Data Analytics for New Product Success (Product Innovation

Mina Tajvidi, Swansea University, UK

Nick Hajli, Swansea University, UK

YiChuan Wang, Newcastle University, UK

The Effect of Image Choice on Airbnb Reservations: A Combination of Deep Learning and Econometric Analysis

Vivek Singh, University of South Florida

Anol Bhattacharjee, University of South Florida

Jaideep Kalapatapu, University of South Florida

Utkarsh Srivastava, Western Michigan University

Shixuan Fu, University of International Business and Economics

Big Data Sentiment Analysis of Customers' Reviews, and the Prediction of Companies' Stock Performance

Sumali Conlon, University of Mississippi

Chad Diaz II, University of Mississippi

The Human Side of Security

15:00 - 16:30 Strand 8

David Biro, Chair

Can an Ego Defense Mechanism Model Help Explain Dysfunctional IS Security Behavior?

Abhijit Chaudhury, Bryant University

Debasish Mallick, University of St. Thomas

An Empirical Study on the Factors Contributing to Disclosing Personal Information Online: Insecurity in the Digital Age

Iqbal Amiri, University of Maryland University College

Ling Wang, NOVA Southeastern University

Yair Levy, NOVA Southeastern University

Inkyoung Hur, NOVA Southeastern University



Thursday, August 16

How Do You Cope: Individuals' Responses to Identity Theft Victimization

Yuan Li, University of Illinois at Springfield

Adel Yazdanmehr, Baruch College, CUNY

Jingguo Wang, University of Texas at Arlington

H. Raghav Rao, University of Texas at San Antonio

Virtual Reality and Blockchain Technology in the Era of 5G: Disrupting Business and Society

15:00 - 16:30 Strand 13A

With the introduction of blockchain technology and advancements in the mobile infrastructure with 5G networks, virtual reality is resurfacing from previously discussed theoretical developments to actual implementations that are set to disrupt business and society alike. The past few years have shown an increase virtual reality equipment manufacturing and technical capabilities. With high speed networks capable of providing ubiquitous access, virtual and augmented reality platforms being developed on distributed blockchain networks, new societal transformations are ready to take place. This panel will address the technological foundation driving new trends and discuss their impacts on business and society.

Virtual Reality and Blockchain Technology in the Era of 5G: Disrupting Business and Society

Aaron French, University of New Mexico

Marten Risius, Clemson University

J.P. Shim, Georgia State University

Patrick Bordnick, Tulane University

Jeffrey Parsons, Memorial University

David Holtman, R&D Design

Coffee Break

16:30 - 17:00 Elite A

TREO: Digitization and Data Handling

17:00 - 18:30 Bolden 3

Iaroslav Dutchak, Chair

Vulnerable Paths Assessment in Cloud for DDoS Attacks

Manas Tripathi, Indian Institute of Management

Arunabha Mukhopadhyay, Indian Institute of Management



Thursday, August 16

Information Systems and the Opioid Crisis

Ariann Nassel, University of Alabama at Birmingham
Sue S. Feldman, University of Alabama at Birmingham
Benjamin Schooley, University of South Carolina
James Galbraith, University of Alabama at Birmingham
Suzanne Muir, UAB Substance Abuse Center

The Role of Trust and Self-Efficacy in Mitigating Perceptions of Privacy Risk in Online Self-Disclosure

Jennifer Ziegelmayr, IESEG School of Management
Laurie Barfitt, Western New Mexico University

Design of a Colorectal Cancer Data Warehouse

Bunyamin Ozaydin, University of Alabama at Birmingham
Upendar Manne, University of Alabama at Birmingham
Sue Feldman, University of Alabama at Birmingham

Transparency of Customer-Facing Order Processes: Can We Ever Have Too Much of a Good Thing?

Dutchak, Clemson University

The Effect of Age of Information on Its Perceived Usefulness: Implication For "The Right to be Forgotten"

Roosmehr Safi, University of Missouri

TREO: Course Curriculum

17:00 - 18:30 Strand 1

Colleen Wolverton, Chair

Post-Course Continuity of Entrepreneurial Class Projects

Andrés Díaz López, Arizona State University

Applying the Onion Model to Scaffold Writing Development in Information Systems Courses

Divakaran Liginlal, Carnegie Mellon University
Silvia Pessoa, Carnegie Mellon University
Maria Pia Gomez Laich, Carnegie Mellon University in Qatar
Chadi Aoun, Carnegie Mellon University

Towards an Understanding of the Influence of Personality on Student Engagement in Distance Learning Courses

Colleen Carragher Wolverton, University of Louisiana at Lafayette



Thursday, August 16

Data Science: Recruiting, Comforting and Intertwining Multi-disciplinary Students in the General Education Curriculum

Laurel Miller, Temple University

The OYSTER Open Source Project for Introducing Entity Resolution and MDM into Information Systems Curricula

John Talburt, UA Little Rock

Yumeng Ye, UA Little Rock

Bingyi Zhong, UA Little Rock

Xinming Li, UA Little Rock

James true, UA Little Rock

Sapna Srimal, UA Little Rock

Patterns of Requirements Gathering for a CIS Capstone Course

Carey Cole, James Madison University

Devin Boehmer, JMU graduate 2018

Thomas Dillon, James Madison University

Diane Lending, James Madison University

General Issues of Technology Acceptance

17:00 - 18:30 Bolden 4

Shamel Addas, Chair

Discrete-Event Simulation of Aviation Rescue Efficiency on Earthquake Medical Evacuation

Yang Shen, Nanjing University of Aeronautics and Astronautics

Xiaoxia Zhang, Nanjing University of Aeronautics and Astronautics

Yongchen Guo, Nanjing University of Aeronautics and Astronautics

There and Back Again: The Cyclical Process of IT Use

Jason Williams, Kennesaw State University

Saurabh Gupta, Kennesaw State University

Mirror, Mirror on the Wall: An Experiment on Feedback and Overconfidence in Computer-Mediated Tasks

Carlo Gabriel Porto Bellini, UFPB, Brazil

Malu Lacet Serpa, UFPE, Brazil



Thursday, August 16

TREO: Privacy Security and Governance

17:00 - 18:30 Strand 2

Yair Levy, Chair

Final Report of the ACM/IEEE/AIS/IFIP Joint Task Force (JTF) on Cybersecurity Education

Yair Levy, Nova Southeastern University

Herbert Mattord, Kennesaw State University

Challenges in the Instruction of Risk Management

Michael Whitman, Kennesaw State University

Examining Espoused Organizational Culture and Acceptance of Biometrics

Babita Gupta, California State University Monterey Bay

Subhasish Dasgupta, George Washington University

Mini Purushothaman, IT Services Consultant

Assessing Wearable Technology's Role to Reduce HAZMAT Health Risks

Chaitra Venkatesan, University of Nebraska at Omaha

Sharon Medcalf, University of Nebraska Medical Center

Ann Fruhling, University of Nebraska at Omaha

Empirical Assessments in Debugging Activity

Fabio Pereira da Silva, University of Sao Paulo

Higor Amario de Souza, University of Sao Paulo

Marcos Lordello Chaim, University of Sao Paulo

Privacy and Security: An Organization wide DSS Framework

V. S. Prakash Attili, Infosys

Saji K Mathew, IIT Madras

Vijayan Sugumaran, Oakland University

TREO: Leadership

17:00 - 18:30 Bolden 2

Chad Diaz, Chair

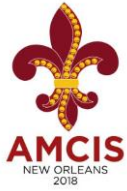
The Emergence of Discursive Leaders in Online Communities

Chad Diaz II, University of Mississippi

Sumali Conlon, University of Mississippi

Milorad Novicevic, University of Mississippi

Tony Ammeter, University of Mississippi



Thursday, August 16

Why do You Like Me? Why Users Like an SME Page

Marko Budler, Faculty of Economics, University of Ljubljana

Peter Trkman, Faculty of Economics, University of Ljubljana

Towards Guidelines for Building Ecosystem Business Models in the Software Industry

Katarina Stanoevska-Slabeva, University of St. Gallen

Leadership Competency and Quality of Life of IT Professionals in Transition Economies

Jolanta Kowal, University of Wroclaw

Alicja Keplinger, University of Wroclaw

Juho Mäkiö, Faculty of Engineering Hochschule Emden

Magdalena Kapała, University of Wroclaw

Creating Win-Win Opportunities: Integrating Community Engagement into the IS Classroom

Roslin Hauck, Illinois State University

Leadership and Group Cohesion on Team Performance in Virtual Teams

Robert Schanke, Harrisburg Area Community College

Indira Guzman, Trident University

Hyo-Joo Han, Georgia Southern University

TREO: Cloud, AI and Innovation

17:00 - 18:30 Strand 7

Vikas Sahu, Chair

Assessment of Readiness for Launching Cloud Computing Services: The Case of Ethio Telecom, Ethiopia

Getachew Mengesha Hailemariam, Addis Ababa University

Solomon Negash, Kennesaw State University

Ruth Leuleged, Ethio telecom

Joseph Van Matre, The University of Alabama at Birmingham

Philip Musa, The University of Alabama at Birmingham

The GMetrix Exam: Does It Add Value?

Lily Pharris, Northwestern State University of Louisiana

Mary Beth Tarver, Northwestern State University of Louisiana

Curtis Penrod, Northwestern State University of Louisiana



Thursday, August 16

Improving Decision-Making for Incident Commanders by Analyzing Visualizations for First Responder's Vital Information

Vikas Sahu, University of Nebraska at Omaha
Ann Fruhling, University of Nebraska at Omaha

Formulation of Integrated e-Government Implementation Framework (eGovIF): Case of Developing Economies

Abdou Karim Jallow, Slippery Rock University

Beyond Lift in Predictive Modeling: Duo-mining to Glean Strategic Insights

Q Chung, Villanova University

Trusting Artificial Intelligence in Healthcare

Weiyu Wang, Missouri S&T
Keng Siau, Missouri S&T

Knowledge Management and the Digital Workplace

17:00 - 18:30 Strand 12A

Elizabeth Regan, Chair

The Interaction Between Organizational Culture and Knowledge Sharing via Socialization

Ali Baker, Nova Southeastern University
Timothy Ellis, Nova Southeastern University

A Portfolio of Knowledge Integration Mechanisms in Open Ecosystems

Franck Loic Soh Noume, University of Arkansas
Jennifer Large, University of Arkansas
Beverly A. Hodges-McDaniel, University of Arkansas

Knowledge Workers' Expectations Towards a Digital Workplace

Tobias Kissmer, University of Duisburg-Essen
Julian Knoll, Technische Hochschule Nürnberg
Stefan Stieglitz, University of Duisburg-Essen
Rainer Gross, Technische Hochschule Nürnberg



Thursday, August 16

Impact of IT on Strategic Innovation and Competitive Advantage

17:00 - 18:30 Strand 11B

Jiban Khuntia, Chair

IT-enabled Dynamic Capabilities, Environmental Uncertainty, and Competitive Performance: A Configurational Approach

Patrick Mikalef, Norwegian University of Science and Technology

How ECS Improve Creative Use of Employees' Knowledge?

Vetrivadivel Vel, Dakota State University

Insu Park, Dakota State University

Decision Engineering in Case of Intuitive Decisions

David Rueckel, Johannes Kepler University Linz

Barbara Krumay, Johannes Kepler University Linz

Philipp Wicke, TD Trusted Decisions

Business Intelligence and Analytics Case Studies

17:00 - 18:30 Strand 9

Jerry Fjermestad, Chair

Value from Business Intelligence and Analytics in SMEs: Insights from Experts

Marilex Rea Llave, University of Agder

Eli Hustad, University of Agder

Dag H. Olsen, University of Agder

A Computational Framework for Railway Incident Analysis: from Data Mining to Data Visualization

Sergio Viademonte, Vale Institute of Technology

Cleudson De Souza, Universidade Federal do Para

Nikolas Carneiro, Vale Institute of Technology

Jair Ferreira, Vale Institute of Technology

Wallace Lira, Simon Freaser University



Thursday, August 16

Are graduate programs offered by IS relevant in the age of digital disruption?

17:00 - 18:30 Strand 13A

This panel will discuss the demographics, preparedness, and jobs of recent Masters Graduates from IS programs in the United States in the context of digital disruption. First, we will review results from the Information Systems Job Index, a longitudinal national project, which in 2017 assessed more than 2100 recent IS graduates from 58 universities across the nation. Next, the panelists, all of whom have extensive experience managing and developing nationally recognized graduate programs, will discuss implications focusing on placement and salary, demographics, knowledge level and jobs, especially in light of the opportunities and threats posed by digital disruption. The panel is unique because for the first time the discussion will be informed by data from the IS Job Index. The results of the panel will influence the management and teaching of existing graduate programs in IS, analytics, healthcare, and other areas as well as the development of new programs.

Are Graduate Programs Offered By IS Relevant in the Age of Digital Disruption?

Munir Mandviwalla, Temple University

Mark Thouin, The University of Texas at Dallas

Rassule Hadidi, University of Illinois Springfield

Andrew Wasser, Carnegie Mellon University

Balasubramaniam Ramesh, Georgia State University

TREO: General Topics

17:00 - 18:30 Bolden 6

Thant Syn, Chair

Conceptualizing and Developing a Future Ready Competency and Educational Content Curation (CECC) Platform

Jungwoo Lee, Yonsei University

Wooju Kim, Yonsei University

Taeyon Kim, Yonsei University

Jaemin Myung, Yonsei University

Hong Won Suh, Yonsei University

Soyoun Kang, Yonsei University

Alert Fatigue and Personality

Thant Syn, Texas A&M International University

Self-congruency Models for Self-disclosure: A Comparative Analysis

Asim Shrestha, Arkansas Tech University



Thursday, August 16

TREO: Trends

17:00 - 18:30 Bolden 5

James Nowotarski, Chair

Balancing Innovation and Standardization in IS Course Content

James Nowotarski, National Louis University

Understanding Information and Communication Technology Diffusion in Developing Countries

Swathi Jagannath, Drexel University

Kimberley Hemmings-Jarrett, Drexel University

Ali Jazayeri, Drexel University

User-Centered Changes in Workflow Agreement and Solution Satisfaction: An Expectation-Confirmation Perspective

Daniel N. Treku, The University of Texas Rio Grande Valley

Jun Sun, The University of Texas Rio Grande Valley

Measuring Corporate Transparency in Sustainability Reporting

Mohammed Zakaria, Carnegie Mellon University in Qatar

Divakaran Liginlal, Carnegie Mellon University

Chadi Aoun, Carnegie Mellon University

Are the Best Answers in Online Question-Answering (Q&A) Sites Really Best?

Yixiu (Ashley) Yu, Texas Tech University

Fred Davis, Texas Tech University

IT Strategy and Business Strategy Alignment: Assessing Risk of Misalignment in Large Financial Institutions

Suhanthi Kamesh, Metropolitan State University

Simon Jin, Metropolitan State University



Thursday, August 16

TREO: IT & IS Trends

17:00 - 18:30 Strand 10B

Ronnie Jia, Chair

Classifying Investor Sentiment in Microblogs: A Transfer Learning Approach

Shuyuan Deng, Grand Valley State University

Dong-Heon Kwak, Kent State University

Jiao Wu, Central Michigan University

Atish Sinha, University of Wisconsin-Milwaukee

Huimin Zhao, University of Wisconsin-Milwaukee

Autistic Tendency, Attachment Insecurity, and Intrinsic Interest in IT

Ronnie Jia, Illinois State University

Zachary Steelman, University of Arkansas

Community-Engaged Projects in System Analysis and Design

Stephen Larson, Slippery Rock University

The Role of IT Steering Committees in Attaining Effective IT Governance

Michael Erskine, Middle Tennessee State University

Paola Gonzalez, Dalhousie University

Dietmar Nedbal, University of Applied Sciences Upper Austria

A Study of Factors Affecting Technology Usage

Olanike Sharon Nicholas-Omoregbe, Covenant University

Romanus Osabohien, Covenant University

David Ibidapo, Covenant University

Nicholas Omoregbe, Covenant University

Efosa Idemudia, Arkansas Tech University

Victor Mbarika, Southern University and A&M College

Jose Noguera, Southern University and A&M College

Effect of Software Features on Generalized Audit Software Use: The Moderating Role of Training and Audit Tasks

Hyo-Jeong Kim, Seoul National University of Science and Technology

Michael Mannino, University of Colorado Denver

Bruce Neumann, University of Colorado Denver



Thursday, August 16

Healthcare and the Internet

17:00 - 18:30 Foster 1

Heiko Gewalt, Chair

Social Networking Site Use on Social Capital of Older Adults

Nicole O'Brien, McMaster University

Yufei Yuan, McMaster University

EcoCloud: A Specialized Computer System for Elaboration Echocardiography Reports

Renato Kuroe, State University of Londrina

Robson Bonidia, Federal University of Technology

Luiz Rodrigues, State University of Londrina

Jacques Brancher, State University of Londrina

Danilo Sanches, Federal University of Technology

Willyan Nazima, Heart Hospital of Londrina

Fabr cio Furtado, Heart Hospital of Londrina

Clinician Satisfaction with In-house and Cloud-based EHR Vendors

Massara Alazazi, University of Texas Rio Grande Valley

Jun Sun, University of Texas Rio Grande Valley

Nan Xiao, University of Texas Rio Grande Valley

The Impact of Online Health Searches on Medical Outcomes: Some Evidence from Google Trends

Tamuchin McCreless, Northern Kentucky University

Security in Organizations

17:00 - 18:30 Strand 8

Herbert Mattord, Chair

Security Related Information Sharing among Firms: Potential Theoretical Explanations

Radha Appan, Cleveland State University

Dinko Bacic, University of Southern Indiana

Sreedhar Madhavaram, Cleveland State University

The Business Value of Engaging in Counter-Breach Initiatives

Taha Havakhor, Oklahoma State University

Tianjian Zhang, Oklahoma State University

Bryan Hammer, Oklahoma State University



Thursday, August 16

Privacy by Design to Comply with GDPR: A Review on Third-Party Data Processors

Christian Kurtz, University of Hamburg

Martin Semmann, University of Hamburg

Tilo Bohmann, University of Hamburg

IS in Education - General I

17:00 - 18:30 Bolden 1

Mart Doyle, Chair

Leading Information Systems Academic Teams to High Performance

Joao Varajao, University of Minho

Isabel Moura, University of Minho

A Framework for ICT Usage Classification of Higher Education Institutions

Guillermo Rodriguez-Abitia, Universidad Nacional Autonoma de Mexico

Marina Kriscautzky-Laxague, Universidad Nacional Autonoma de Mexico

Welcome Reception Entertainment

18:30 - 21:30 Empire CD

Welcome Reception

18:30 - 19:30 Empire AB

SIGLEAD Annual Meeting

19:30 - 20:30 Strand 12A

AIS Women's Network Reception

19:30 - 21:00 Foster 2

Friday, August 17

AIS Community Leaders Meeting

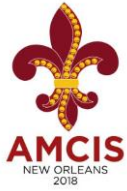
7:00 - 8:30 Foster 2

Registration

7:00 - 17:30 Elite Registration Desk First Floor

Future Program Chairs Meeting

7:00 - 8:30 Imperial 10



Friday, August 17

Early Morning Coffee Break

7:30 - 8:30 Elite A

Exhibits

8:00 - 16:00 Elite A

Career Connect

8:00 - 17:00 Elite B

Poster Display

8:00 - 15:30 Elite A

Accounting Information Systems 1

8:30 - 10:00 Bolden 6

Scott Boss, Chair

Structuration Analysis of Accounting-Based ERP System Organizational Change

Mostafa Hassan, Qatar University

Samar Mouakket, University of Sharjah

The Changing Liability Structures of Information Technology Firms

Gary Templeton, Mississippi State University

Andrew Miller, Mississippi State University

Martin Ndicu, Northern Illinois University

Agile Methods as a Risk Management Strategy Tool- A Fintech Case Study

Anna Zaitsev, The University of Sydney

Applications of Big Data Analytics in Financial Auditing- A Study on The Big Four

Moutaz Haddara, Westerdals-Oslo School of Arts, Communication & Technology

Kuan Lin Su, TIAS School for Business & Society

Kholoud Alkayid, University of Wollongong

Maged Ali, Essex Business School

IS Sourcing and Integration in the Era of Digital Disruption

8:30 - 10:00 Strand 12A

Christian Leyh, Chair

How to Bring IT Home: Developing a Common Terminology to Compare Cases of IS Backsourcing

Benedikt von Bary, TU Dresden



Friday, August 17

Analyzing Influences on Pivotal ITO Contract Features: A Quantitative Multi-Study Design with Evidence from Western Europe

Michael Konning, TU Dresden

Kai Heinrich, TU Dresden

Patrick Zschech, TU Dresden

Christian Leyh, TU Dresden

Post-Merger IT Integration Success and Performance Measurement: A Systematic Literature Study

Christian Sillaber, University of Innsbruck

Nikolas Huber, University of Innsbruck

Andrea Mussmann, University of Innsbruck

Ruth Breu, University of Innsbruck

Healthcare Informatics and Health Information Technology (HIT)

8:30 - 10:00 Foster 1

Jim Ryan, Chair

Exploratory Study for Readmission in Cancer Patients

Luwen Huangfu, University of Arizona

Stephen Hayne, Colorado State University

James Ma, University of Colorado, Colorado Springs

Nicholas Roberts, Colorado State University

Federated Machine Learning for Translational Research

Manoj A. Thomas, Virginia Commonwealth University

Diya Suzanne Abraham, Techies without Borders

Dapeng Liu, Virginia Commonwealth University

Conflicting Logics in IT Governance: Achieving Ambidexterity in Healthcare Organisations

Michael Kizito, University of Gothenburg

Evelyn Kahiigi, Makerere University Kampala

Consumer Technology Adoption

8:30 - 10:00 Bolden 4

Lea Müller, Chair

Ride-Sharing Services: The Tumultuous Tale of the Rural Urban Divide

Rhoda Joseph, Penn State Harrisburg



Friday, August 17

People, Process, and Technology Dimensions Of Smart Home Adoption

Deepikah Amirthalingam, University of Auckland

Gabrielle Peko, University of Auckland

David Sundaram, University of Auckland

Bridging the Gap between Research and Practice: Ten Lessons Learned about Enterprise Wearable Computer Systems

Sebastian Hobert, University of Goettingen

Matthias Schumann, University of Goettingen

Social Influence I

8:30 - 10:00 Bolden 5

Troy Strader, Chair

How Prior Users' Helpfulness Votes on a Review Influence Subsequent Users' Trust of the Review and Corresponding Product Evaluations in E-commerce Context

JING LI, Hong Kong Polytechnic University

Xin Xu, Hong Kong Polytechnic University

Eric Ngai, Hong Kong Polytechnic University

Positivity Bias: Effects of Discrete Emotions on Review Helpfulness

Chaoqun Deng, Rensselaer Polytechnic Institute

T. Ravichandran, Rensselaer Polytechnic Institute

Behavioral and Design Issues in Virtual Communities

8:30 - 10:00 Bolden 3

Fiona Fui-Hoon Nah, Chair

A Qualitative Investigation of Unmet Information-Seeking Needs of Online Workers

Allie Blaising, Communication Studies Department, California Polytechnic University

David Askay, Communication Studies Department, California Polytechnic University

Yasmine Kotturi, Human Computer Interaction Institute, Carnegie Mellon University

Chinmay Kulkarni, Human Computer Interaction Institute, Carnegie Mellon University



Friday, August 17

User Engagement in an Open Collaboration Community After the Insertion of a Game Design Element:
An Online Field Experiment

Ana Paula Bertholdo, University of Sao Paulo

Claudia Melo, University of Brasil

Artur Rozestraten, University of Sao Paulo

Marco Gerosa, University of Sao Paulo, Northern Arizona University

Heather O'Brien, University of British Columbia

Role of Reputation Cues in Trust Formation for a Developer's Decision to Join Open Source Software
Projects

Mikhail Tsoy, Queen's University, Smith School of Business

D. Sandy Staples, Queen's University, Smith School of Business

The Enhancement and Extension of Enterprise Architecture Models

8:30 - 10:00 Bolden 2

Miguel Mira da Silva, Chair

CO-EVOC: An Enterprise Architecture Model Co-Evolution Operations Catalog

Nuno Silva, University of Lisbon

Miguel Mira da Silva, University of Lisbon

Pedro Sousa, University of Lisbon

Deriving Viewpoints for Enterprise Architecture Analysis

Alixandre Santana, UFRPE

Daniel Simon, Scape Consulting GmbH

Hermano de Moura, UFPE

Kai Fischbach, University of Bamberg

Matthias Kreimeyer, MAN Truck & Bus AG

Towards an Extended Enterprise Architecture Meta-Model for Big Data - A Literature-based Approach

Fabian Burmeister, University of Hamburg

Paul Drews, Leuphana University of Lueneburg

Ingrid Schirmer, University of Hamburg

Security Innovation

8:30 - 10:00 Strand 8

David Sikolia, Chair



Friday, August 17

Examining Technology Use Factors of Privacy-Enhancing Technologies: The Role of Perceived Anonymity and Trust

David Harborth, Goethe University Frankfurt am Main

Sebastian Pape, Goethe University Frankfurt am Main

Predicting Security Events in Cloud Computing

Vivek Singh, University of South Florida

Kaushik Dutta, University of South Florida

Privacy Negotiation Mechanism in Internet of Things Environments

Fagner Roger Pereira Couto, Federal University of Sao Carlos

Sergio Zorzo, Federal University of Sao Carlos

Satisfying Secure Load Balancing Expectations in the Cloud

Brian Cusack, AUT University

Eghbal Ghazizadeh, AUT University

Strategic Impacts of Digitized Products

8:30 - 10:00 Strand 11B

Katja Bley, Chair

Archetypes for Industry 4.0 Business Model Innovations

Joerg Weking, Technical University of Munich

Maria Stocker, Technical University of Munich

Marek Kowalkiewicz, Queensland University of Technology

Markus Bohm, Technical University of Munich

Helmut Krcmar, Technical University of Munich

The Impact of Digitization on Business Models: A Systematic Literature Review

Christoph Buck, Universitat Bayreuth

David Eder, Universitat Bayreuth

Building a Platform's User-base: An Investigation of Value-driven Lock-ins in Digital Service Innovation

Hosea Ofe, Umea University

Methodological Improvements

8:30 - 10:00 Strand 7

Duane Truex, Chair



Friday, August 17

A Methodological Improvement in the Evaluation of Research Output: an Adapted use of the Scholarly Capital Model

Michael Cuellar, Georgia Southern University

Hirotooshi Takeda, University Laval

Duane Truex, Georgia State University

Detecting Biased Items When Developing a Scale: a Quantitative Approach

Jean-Charles Pillet, Grenoble-EM

Claudio Vitari, IAE Sorbonne

Federico Pigni, Grenoble-EM

Kevin Carillo, Toulouse Business School

Manual Versus Online Card Sorts: A Cautionary Tale for IS Researchers

James Denford, Royal Military College of Canada

Kurt Schobel, Royal Military College of Canada

IS in Education - General II

8:30 - 10:00 Bolden 1

Geoffrey Dick, Chair

Digital Literacy and Self-Regulated Learning: Testing Reciprocal Relationships with Longitudinal Data

Udayangi Perera Muthupoltotage, University of Auckland

Lesley Gardner, University of Auckland

Video Tutorials Improve Students' Ability to Recover from Errors

Nathan Garrett, Woodbury University

Resolving the Pedagogical Disconnect between User Stories and Use Cases in Systems Analysis and Design Textbooks

Gary Spurrier, University of Alabama

Heikki Topi, Bentley University

ICTs for Innovation 1

8:30 - 10:00 Strand 1

Doug Vogel, Chair

E-Business Value in Small and Medium-Sized Enterprises in Southern Africa: A Quantitative Content Analysis of Websites

Meduduetso Tsumake, University of Cape Town

Michael Kyobe, University of Cape Town



Friday, August 17

E-Commerce and Social Media Use in Cambodia

Margaret Meiling Luo, National Chung Cheng University

Sophea Chea, Delaware Valley University

What Attracts the Best Information Technology Talents? Employer Branding in Transition Economies

Dorota Dobija, Kozminski University

Grzegorz Mazurek, Kozminski University

Narczyz Roztocki, State University of New York

H. Roland Weistroffer, Virginia Commonwealth University

Digital Disruption: Implications for the Geospatial Realm

8:30 - 10:00 Strand 9

Daniel Farkas, Chair

Broadband Internet Access as a Localized Facilitator for Improving Security Knowledge

Kent Marett, Mississippi State University

Shan Xiao, Mississippi State University

Exploring the Spatial Relationships between Language Education and Surrounding Communities

Au Vo, San Francisco State University

Miloslava Plachkinova, University of Tampa

Ala Alluhaidan, Princess Nourah Bint Abdulrahman University

Water Wells Site Selection in East Africa Using GIS Applications

Claudia Caceres, Claremont Graduate University

Sarah Osailan, Claremont Graduate University

The Internet of Things: Emerging IS Research Challenges

8:30 - 10:00 Strand 10B

Brian Donnellan, Chair

Detection and Classification of Attacks on IoT Networks

Agnieszka Onuchowska, University of South Florida

Saurav Chakraborty, University of South Florida

Wolfgang Jank, University of South Florida

Utkarsh Shrivastava, University of South Florida



Friday, August 17

Supporting Diffusion of IoT Solutions Exemplified by the ChainPORT Initiative

Joran Tesse, University of Hamburg

Ingrid Schirmer, University of Hamburg

Paul Drews, Leuphana University of Lueneburg

Sebastian Saxe, Hamburg Port Authority

Ulrich Baldauf, Hamburg Port Authority

Key Management and Governance Challenges when Executing Data Science / Analytics Projects

8:30 - 10:00 Strand 13A

Big data, data science and analytics have become increasingly important strategic assets because they can help organizations make better decisions, discover new insights, competitively differentiate, and they enable the embedding of intelligence into automated processes so organizations can efficiently respond at the speed of business. Effective organizational management and governance of data science practices are necessary in order to mitigate risks associated with analytics deployment. For example, organizations need to capture and manage critical meta-information detailing modeling and environmental assumptions underlying the analytics solutions, they also need to establish policies and a culture designed to ensure adherence to the highest ethical standards of data management and predictive model deployment. At a higher level, unleashing machine learning algorithms may require safeguards and risk mitigation monitoring to address these types of socio-technical challenges. This panel will foster a debate with respect to what are the most important concerns or potential issues that an organization should focus on while executing a data science/analytics project. Via a debate, the panel, along with the audience, will explore the field of data science and predictive analytics, and what are the key project risks that need to be mitigated.

Key Management and Governance Challenges when Executing Data Science / Analytics Projects

Jeffrey Saltz, Syracuse University

Michael Goul, Arizona State University

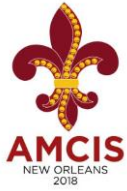
Frank Armour, American University

Ramesh Sharda, Oklahoma State University

Doctoral Student Corner

9:00 - 17:00 Foster 2

The doctoral student corner is a dedicated space for doctoral students attending the conference to orient to the AMCIS experience and to connect with others in the field. This space will be available throughout the conference as a place for doctoral students to network and relax between conference events. *Sponsored by Indiana University.*



Friday, August 17

Coffee Break

10:00 - 10:30 Elite A

Keynote Session

10:30 - 12:00 Empire CD

DR. JIM GOODNIGHT, Co-Founder and Chief Executive Officer

Networking Lunch

12:00 - 13:15 Empire AB

SIG Culture AGM

12:00 - 13:15 Imperial 11

Designing new learning environments

13:30 - 15:00 Strand 2

Fostering students' interaction and participation is arguably instructors' most sought-after objective, and a real challenge we all try to overcome. Teaching Information Systems in business-oriented curricula and in large class represents an even more significant feat. Too often students struggle in relating to the subject, remain anemic and low-energy during discussions, and disengage with the instructor and course contents. Moreover, the need to scale the pedagogy to a large number of students and under resource constraint requires developing novel pedagogical solutions going beyond the mere digitalization of course resources. In this symposium we aim at presenting several human interactions centered solutions we developed in our collective practices, specifically addressing the needs of IS instructors to engage students when managing large intakes. We then advance and discuss possible recommendations and principles to support instructors in the design of new learning environments.

Federico Pigni, Grenoble Ecole de Management

Blake Ives, University of Houston

Pierre Zotto, Grenoble Ecole de Management

Biagio Palese, Louisiana State University

Healthcare Data Analytics

13:30 - 15:00 Strand 9

Raj Sharman, Chair



Friday, August 17

Mortality Prediction Performance using Similarity Measures for Medical Event Sequences

Joel Fredrickson, University of Colorado Denver
Michael Mannino, University of Colorado Denver
Omar Alqahtani, University of Colorado Denver
Farnoush Banaei-kashani, University of Colorado Denver

Social Media-based Overweight Prediction Using Deep Learning

Luwen Huangfu, University of Arizona
Daniel Zeng, University of Arizona

Literature Reviews - Technology

13:30 - 15:00 Strand 7

Hirotoishi Takeda, Chair

What We Know and What We Need to Know about Peer Platforms - Airbnb and Uber

Harshali Sadhya, Louisiana State University
Vikram Sadhya, Louisiana State University

Unpacking Knowledge on Cloud Computing: An Umbrella Review

Rania Fahim El-Gazzar, University of Southeast Norway
Fathul Wahid, Universitas Islam Indonesia
Karen Stendal, University of Southeast Norway

Information and Communications Technologies as an Enabler of Supply Chain Integration

Abdullah Oguz, University of North Carolina at Greensboro
Wei Xie, University of North Carolina at Greensboro
Prashant Palvia, University of North Carolina at Greensboro
Kwasi Amoako-Gyampah, University of North Carolina at Greensboro

A Literature Analysis of Research on Artificial Intelligence in Management Information System (MIS)

Alexandre Moreira Nascimento, FGV, UNIFESP, USP, UMASS
Maria Alexandra V. Cortez da Cunha, EAESP-FGV
Fernando de Souza Meirelles, EAESP-FGV
Eusebio Scornavacca, University of Baltimore
Vinicius V. de Melo, ICT-UNIFESP

Understanding Social Media and Social Networking

13:30 - 15:00 Bolden 3

Gerard De Leoz, Chair



Friday, August 17

Relational Concept Analysis for Virtual Community Detection from Multi-relational Networks

Soumaya Guesmi, LIPAH

Chiraz Trabelsi, LIPAH

Chiraz Latiri, LISI

Taking Advantage of Using Professionally-Oriented Social Network Sites: The Role of Users' Actions and Profiles

Morteza Mashayekhi, McMaster University

Milena Head, McMaster University

Strategic Impact of IT Operations Management

13:30 - 15:00 Strand 11B

Naoum Jamous, Chair

IT Operation Management - A Possibility in the Flux of Digitization

Naoum Jamous, Otto von Guericke University

Christian Haertel, Otto von Guericke University

Marco Finkendei, Otto von Guericke University

Matthias Volk, Otto von Guericke University

Johannes Hintsch, Otto von Guericke University

Employee Database Creates Value for Labor Hire Firm and Clients

Jon Heales, UQ Business School

Rena Agrey, UQ Business School

Tri Lam, UQ Business School

Examining the Effects of Information Technology Outsourcing on Competitive Advantage

Benjamin Agyei-Owusu, Kwame Nkrumah University of Science & Technology

David Asamoah, Kwame Nkrumah University of Science & Technology

Leonard Agbenyo, Ho Polytechnic

Dark Side of Technology Use

13:30 - 15:00 Bolden 4

Jun Sun, Chair

10 Years of Research on Technostress Creators and Inhibitors: Synthesis and Critique

Jalal Sarabadani, Washington State University

Michelle Carter, Washington State University

Deborah Compeau, Washington State University



Friday, August 17

A Stress-Strain-Outcome Model of Job Satisfaction: The Moderating Role of Professional Self-efficacy

Najmul Islam, University of Turku

Nicholas Mavengere, University of Tampere

Ulla-Riitta Ahlfors, University of Jyväskylä

Mikko Ruohonen, University of Tampere

Alexander Serenko, Lakehead University

Prashant Palvia, University of North Carolina at Greensboro

We Need to Talk! Antecedents and Consequences of Children's Smartphone Use - A Literature Review

Margarita Gladkaya, Weizenbaum Institute for the Networked Society

Jana Gundlach, Weizenbaum Institute for the Networked Society

Cora Bergert, Weizenbaum Institute for the Networked Society

Annika Baumann, Weizenbaum Institute for the Networked Society

Hanna Krasnova, Weizenbaum Institute for the Networked Society

Accounting Information Systems 2- Control

13:30 - 15:00 Bolden 6

Sumantra Sarkar, Chair

A Practice-Based Study on the Challenges of IT Governance Auditing in Ghana

Alexander Asmah, University of Cape Town

Michael Kyobe, University of Cape Town

Using Analytic Hierarchy Process for COBIT 5 Process Prioritization

Rafael Almeida, Instituto Superior Técnico, Universidade de Lisboa

João Souza Neto, Universidade Católica de Brasília

Miguel Mira da Silva, Instituto Superior Técnico, Universidade de Lisboa

Analyzing Transaction Codes in Manufacturing for Compliance Monitoring

Yuxin Wang, Delft University of Technology

Joris Hulstijn, Tilburg University

Yao-hua Tan, Delft University of Technology

Organizational Transformation of the IT Function

13:30 - 15:00 Strand 12A

Paul Drews, Chair

Enabling Bimodal IT: Practices for Improving Organizational Ambidexterity for Successful Innovation Integration

Nabil Georges Badr, Grenoble Graduate School of Business



Friday, August 17

Thinking Outside of the IT Capability Box
Florian Wiesboeck, LMU Munich

Examining the Competencies of the Chief Digital Officer
Samuli Tahvanainen, University of Jyväskylä
Eetu Luoma, University of Jyväskylä

Healthcare Informatics and Health Information Technology (HIT)

13:30 - 15:00 Foster 1

Nilmini Wickramasinghe, Chair

Gamified Wearables in Obesity Therapy for Youth
Luisa Schulz, Germany
Ton Spil, Netherlands
Sjoerd de Vries, Netherlands

Routine Use of Mobile Health Services: Promotion or Prevention
Fei Liu, Harbin Institute of Technology, The Hong Kong Polytechnic University
itong Guo, Harbin Institute of Technology
Xiaofeng Ju, Harbin Institute of Technology

Mobile Health Privacy Concerns - A Systematic Review
Bouabre Koffi, The University of Texas at Arlington
Adel Yazdanmehr, Baruch College, The City University of New York
RadhaKanta Mahapatra, The University of Texas at Arlington

The Impact of Digital Transformation and Emerging Enterprise Systems Business Models

13:30 - 15:00 Bolden 2

Christian Leyh, Chair

Executable Business Model Blueprints
Mari-a Camila Romero, Universidad de los Andes, Bogotá
Mario Sanchez, Universidad de los Andes, Bogotá
Jorge Villalobos, Universidad de los Andes, Bogotá

Monitoring, Surveillance and Technostress-An Enterprise Application Case
Khushboo Agrawal, Indian Institute of Management Calcutta
Monideepa Tarafdar, Lancaster University
Sanjiv Vaidya, Indian Institute of Management Calcutta



Friday, August 17

Towards an Open Ecosystem for Maturity Models in the Digital Era: The Example of the Data Quality Management Perspective

Thomas Schäffer, University of Applied Sciences Heilbronn

Christian Leyh, Technische Universität Dresden

Katja Bley, Technische Universität Dresden

Mario Schimmele, University of Applied Sciences Heilbronn

Managing Risk

13:30 - 15:00 Strand 8

Michael Whitman, Chair

Cyber Risk Quantification and Mitigation Framework for Healthcare using Machine Learning

Shounak Pal, Institute of Management Lucknow

Arunabha Mukhopadhyay, Indian Institute of Management Lucknow

RisCC: A Risk Management Tool for Cloud Computing Environments

Michael Adelmeyer, Osnabrueck University

Lukas Beike, Osnabrueck University

Mirko Buggenthin, Osnabrueck University

Sebastian Osada, Osnabrueck University

Frank Teuteberg, Osnabrueck University

Vulnerability and Risk Assessment of XEN Hypervisor

Alan Litchfield, Auckland University of Technology

Abid Shahzad, Auckland University of Technology

Innovation in IS Education I

13:30 - 15:00 Bolden 1

Sean Eom, Chair

Understanding Students' Learning Behavior Outside of the Classroom

Michael Kallookaran, Technische Universitaet Braunschweig

Dominik Siemon, Technische Universitaet Braunschweig

Susanne Robra-Bissantz, Technische Universitaet Braunschweig

The Effects of Students' Motivation and Student-Student Dialogue, Student-Instructor Dialogue on Students' Perceived E-Learning Outcomes

Sean Eom, Southeast Missouri State University



Friday, August 17

Innovating Citizenship and Social Control Courses through Distance Education

Rosana dos Anjos, UFMT

Cristiano Maciel, UFMT

Cassyra Vuolo, TCE-MT

Alexandre dos Anjos, UFMT

Marina de Andrade, TCE-MT

ICTs for Innovation 2

13:30 - 15:00 Strand 1

Heinz Roland Weistroffer, Chair

Too Good to Be True? Understanding How Blockchain Revolutionizes Loyalty Programs

Lu Wang, University of International Business and Economics

Xin (Robert) Luo, University of New Mexico

Botong Xue, Mississippi State University

A Framework Proposal for Examining the Effect of ICT Adoption Level on Innovativeness in SMEs

Busra Alma, Sakarya University

Erman Coskun, Mohammad Bin Salman College for Business and Entrepreneurship

Mehtap Ozsahin, Yalova University

Who Are the Users of Digital Innovation for Financial Inclusion? The Case of M-Shwari

Wenxiu Nan, Bentley University

Social Influence II

13:30 - 15:00 Bolden 5

Kai Zhao, Chair

The Influence of Information Display and Availability on Reviewer Usefulness Status

Wael Jabr, Georgia State University

Zirun Qi, Georgia State University

Ritu Lohtia, Georgia State University

Monica D. Guillory, Winston-Salem State University

Technology Leadership, Brand Equity, and Customer Loyalty towards Fintech Service Providers in China

May Wang, BNU-HKBU United International College

Younghoon CHANG, Beijing Institute of Technology



Friday, August 17

Dynamics of Information Revelation in Online Reviews

Yichen Cheng, Georgia State University

Wael Jabr, Georgia State University

Sanjay Srivastava, Georgia State University

Kai Zhao, Georgia State University

IT Entrepreneurship & General Topics

13:30 - 15:00 Strand 10B

JP Allen, Chair

Budding Female IT Entrepreneurs in Saudi Arabia: Impact of IT and Institutional Environment

Asma Aleidi, University of Technology Sydney

Daniel Chandran, University of Technology Sydney

Goal Orientations and Their Impacts on Advice Ties and Employee Outcomes: A Longitudinal Field Study of an Enterprise System Implementation

Sonakshi Sharma, University of Arkansas

Tracy Ann Sykes, University of Arkansas

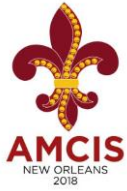
Better Trust Between Users in Sharing Economy Platforms

Badr Alsamani, Claremont Graduate University

Blockchain and Information Systems

13:30 - 15:00 Strand 13A

Blockchain is one of the 21st centuries most impactful inventions. In addition to creating and facilitating crypto-tokens such as Bitcoin, Ethereum, Stellar, Ripple, etc. this technology is impacting several industries. Blockchain technology is playing an important role in decentralizing transaction based systems that were otherwise traditionally managed centrally. In addition to decentralizing transaction networks, Blockchain has been at the center of developments in the field of smart contracts, information systems such as logistic management systems, payroll management systems, human resource management systems, medical information systems and other fin-tech infrastructure. We propose this panel to engage the Information Systems Community about the current and future research trends in Blockchain based information systems.



Friday, August 17

Blockchain and Information Systems

Hemang Subramanian, Florida International University

Karlene Cousins, Florida international University

Kaushik Dutta, Univ. of South Florida

Alpen Sheth, MIT, Etherisc

Jose Pineda, Florida International University

Eduardo Salcedo, Florida International University

Coffee Break

15:00 - 15:30 Elite A

Integrating a Low-Code Platform into Information Systems Curriculum with Mendix

15:30 - 17:00 Strand 2

According to Gartner, by 2020, at least 50 percent of all new business applications will be created with high-productivity toolsets. Low-code platforms are booming across a range of industries, and their introduction in industries creates both a challenge and an opportunity for pedagogy. To prepare our students for the modern workplace, they should have exposure to the most modern tools. Likewise, if these tools are as capable as they are claimed to be, the tools can provide new ways to engage students more rapidly into the process of designing and building software. The tools can be used to address various course needs (e.g. IT/IS course in business programs, systems analysis and design course in technology programs, user experience and project management courses in various programs). Courses integrating low-code platforms help fill the need for skills at the industry level for low-code platform development and provide a foundation for the use of low-code development platforms in research projects. Join us for a hands-on opportunity to interact with a leading low-code platform, hear about existing pedagogical implementations, share your experiences and challenges.

Paul Witman, California Lutheran University

BengisuTulu, Worcester Polytechnic Institute

DanielaField, Mendix

Literature Reviews - Social/Behavioral

15:30 - 17:00 Strand 7

Michael Cuellar, Chair

Research Methods in the Information Systems Discipline: A Literature Analysis of Conference Papers

Anna Kupfer, University of Bamberg



Friday, August 17

IS Success at Organizational Level: A Meta-analysis
Inderjeet Kaur, Indian Institute of Management, Rohtak
Sumedha Chauhan, Indian Institute of Management, Rohtak

Smart Services and Inter-Organizational Information Systems

15:30 - 17:00 Strand 12A
Paul Drews, Chair

Third Parties in the Context of Smart Grid: Information Processing Theory Based Approach
Salma Trid, Universite Laval

Beacon-based Customer Tracking across the High Street: Perspectives for Location-based Smart Services in Retail
Jan Hendrik Betzing, University of Muenster – ERCIS

Disruptive Digital Technology Services: The Case of Uber Car Ridesharing in Ghana
Robert Ohene-Bonsu Simmons, Zenith University College

Drivers and Effects of Inter-Organizational Systems (IOS) Use in a Developing Country
Leonard Agbenyo, Ho Polytechnic
David Asamoah, Kwame Nkrumah University of Science & Technology
Benjamin Agyei-Owusu, Kwame Nkrumah University of Science & Technology

ICTs for Socioeconomic Development

15:30 - 17:00 Strand 1
James Pick, Chair

Theories for Analyzing Innovation and Technology in Emerging Financial Markets: The Case of Algorithmic and High Frequency Trading
Wendy Currie, Audencia Business School
Jonathan Seddon, Audencia Business School
Ricky Cooper, Stuart Business School
Ben Van Vliet, Stuart Business School

Enterprise Systems Adoption and Implementation in Chinese SMEs: Exploring Relationships Between User Firms and Technology Providers Through ANT
Zheng Xu, Wenzhou University
David Brown, Lancaster University
Mark Stevenson, Lancaster University



Friday, August 17

The Impact of Prosocial Microlending on Entrepreneurship in Emerging Economies: A Cross-National Natural Experiment

Minxu Shen, East China University of Science and Technology

Jason Chan, University of Minnesota

Yi Ding, National University of Singapore

Jin Chen, East China University of Science and Technology

Healthcare Analytics and Privacy Issues

15:30 - 17:00 Strand 9

Raj Sharman, Chair

IT for Diabetes Self-management - What are the Patients' Expectations?

Omar El-Gayar, Dakota State University

Tareq Nasrallah, Dakota State University

Ahmed El Noshokaty, Dakota State University

Digital Privacy GDPR: A Proposed Digital Transformation Framework

Kenneth D. Russell, University College Cork

Paidi Raghallaigh, University College Cork

Phil O'Reilly, University College Cork

Jeremy Hayes, University College Cork

Privacy with Big Data: A Framework

David Hoffman, Carleton University

Crowd-based Collaboration

15:30 - 17:00 Bolden 3

Sandeep Puro, Chair

What Promotes the Mobilization and Coordination of Knowledge for Crowdsourced Digital Innovation?

Jiayuan Liu, University of Warwick

To eWOM, or Not? Investigating the Restricting Factors to Provide Online Ratings for Physicians

Maximilian Haug, Neu-Ulm University of Applied Sciences

Heiko Gewald, Neu-Ulm University of Applied Sciences

Factors that Influence Lurking Behaviors in Open Innovation Communities: The Role of Social Capital

James Wairimu, University of Texas Rio Grande Valley

Francis Kofi Andoh-Baidoo, University of Texas Rio Grande Valley



Friday, August 17

Cognitive Research in IS

15:30 - 17:00 Strand 10B

Cindy Riemenschneider, Chair

Technology Materiality and Individual Sensemaking

Sampath Bemgal, Ivey Business School, Western University

Expectation Disconfirmation in ENP Information Filtering: An fMRI Experiment

Kelly Fadel, Utah State University

Thomas Meservy, Brigham Young University

Brock Kirwan, Brigham Young University

A Study on the Behavior of Crowd Workers When Reporting Forecasts under Proper Scoring Rules

Arthur Carvalho, Miami University

Denise Kroon, Erasmus University

Adoption and Diffusion of Information Technology

15:30 - 17:00 Bolden 4

Mike Dinger, Chair

Identifying Factors Affecting Blockchain Technology Diffusion

Ruben Post, HU University of Applied Sciences Utrecht

Koen Smit, HU University of Applied Sciences Utrecht

Martijn Zoet, Zuyd University of Applied Sciences

Barriers to Adoption of Blockchain Technology

Vikram Sadhya, Louisiana State University

Harshali Sadhya, Louisiana State University

Towards an Understanding of Farmers' Mobile Technology Adoption: A Comparison of Adoption and Continuance Intentions

Grace Fox, Dublin City University

John Mooney, Pepperdine University

Pierangelo Rosati, Dublin City University

Victoria Paulsson, Dublin City University

Theo Lynn, Dublin City University

Role of Technology in Improving Healthcare Delivery Processes

15:30 - 17:00 Foster 1

Jim Ryan, Chair



Friday, August 17

ADR Reporting Through Twitter from Patient Perspective

Osama Mujallid, Claremont Graduate University
Salem Alghamdi, Claremont Graduate University

Designing a Mobile App to Help Young Adults Develop and Maintain Mental Well-Being

Maya Patel, University of Tampa
Aman Shah, University of Tampa
Krisha Shah, University of Tampa
Miloslava Plachkinova, University of Tampa

The Role of mHealth for Equitable Access to Healthcare for Rural Residents

Becky Deitenbeck, Bellevue University
Sajda Qureshi, University of Nebraska Omaha
Jason Xiong, Appalachian State University

The Dark Side of Security

15:30 - 17:00 Strand 8

Sanjay Goel, Chair

The Impact of Extended Global Ransomware Attacks on Trust: How the Attacker's Competence and Institutional Trust Influence the Decision to Pay

Alex Zarifis, University of Mannheim
Xusen Cheng, University of International Business and Economics

Investigating User Disclosure of Sensitive Information: An Extended ELM Theory

Kelvin King-Kizito, UTRGV
Jun Sun, UTRGV

Iterating the Cybernetic Loops in Anti-Phishing Behavior: A Theoretical Integration

Alaa Nehme, Iowa State University
Joey F. George, Iowa State University

Strategic and Innovative Decision Making Approaches in IT Management

15:30 - 17:00 Strand 11B

Parand Mansouri Rad, Chair

The Impact of Digital Transformation on Sourcing Strategies in the Financial Services Sector: Evolution or Revolution?

Ugur Demirbas, KPMG Consulting
Heiko Gewald, Neu-Ulm University of Applied Sciences
Bernhard Moos, Eurogroup Consulting



Friday, August 17

An Application System Landscape Engineering Process Framework (ASLEP)

Johannes Hintsch, Otto von Guericke University Magdeburg

Karthik Gali, Otto von Guericke University Magdeburg

Naoum Jamous, Otto von Guericke University Magdeburg

Klaus Turowski, Otto von Guericke University Magdeburg

Entrepreneurial IT Firm Value Signaling and the Application of Acquisition Discounts

Nikhil Bandodkar, South Carolina State University

Renu Singh, South Carolina State University

Innovation in IS Education II

15:30 - 17:00 Bolden 1

Stephen Larson, Chair

Classroom Strategies for Overworked Faculty of Intro to MIS: Harnessing the Power of Cooperative Learning

Amy Connolly, James Madison University

Dan Rush, Boise State University

Designing a Healthcare Data Analytics Course: A Contextual Active Learning Approach

Rachida Parks, Quinnipiac University

Fay Cobb Payton, North Carolina State University

Social Influence III

15:30 - 17:00 Bolden 5

Sam Fosso-Wamba, Chair

Inconsistency Investigation between Online Review Content and Ratings

Guohou Shan, University of Maryland

Dongsong Zhang, University of Maryland

Lina Zhou, University of Maryland

Lingge Suo, University of Maryland

Jaewan Lim, University of Maryland

Chunming Shi, Wilfrid Laurier University

Role of Communication in Online Platforms

Yili Hong, Arizona State University

Jing Peng, University of Connecticut

Gord Burtch, University of Minnesota

Ni Huang, Arizona State University



Friday, August 17

NEW DETAILS EMERGE! Revealing the Effects of Clickbait Headlines on User Responses
Supavich (Fone) Pengnate, North Dakota State University
Alex Young, North Dakota State University
Jeffrey Chen, North Dakota State University

Analytics for Accounting Information Systems Applications

15:30 - 17:00 Strand 13A

Accounting Information Systems occupies a special role in IS education and research. The interests of accountants and information technologists frequently converge, particularly on the notion of the internal audit and the IT audit, which are central to the evaluation of IT governance and IS Security in the firm. Analytics technologies provide a new and powerful means with which to conduct accurate and discerning audits of the corporate IT and Cybersecurity Function and are explored here as a tool for classroom and research use.

Analytics for Accounting Information Systems Applications
Thomas Stafford, Louisiana Tech
Tawei Wang, DePaul University
Rhonda Syler, University of Arkansas
Md. Shariful Islam, Louisiana Tech

Poster Session

17:00 - 18:00 Elite A

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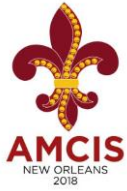
Abdelhamid, Mohamed
Ahmad, Rangina
Ahuja, Vinod
Aivazpour, Zahr
Alfahid, Ayman
Aljazzaf, Salman
Almazyad, Fadi
Alomari, Mohammad Kamel
Als Salman, Dheyaaldin
Aminu, Habibullah
Anderson, Bonnie
Annabi, Hala

Annabi, Hala
Baswani, Siddharth
Behr, Ariel
Belkhamza, Zakariya
Bhadauria, Vikram
Bhagat, Sarbottam
Bhagat, Sarbottam
Bhandari, Gokul
Bharati, Pratyush
Bina, Saman
Binsawad, Muhammad
Biswas, Baidyanath



Americas Conference on Information Systems
August 16-18, 2018
New Orleans, Louisiana

Booth, Ruby
Burlison, James
Cai, Yuanfeng
Cao, Shiya
Carte, Traci
Chae, Ho-Chang
Chanson, Mathieu
Chen, Langtao
Chen, Shuqing
Choo, Kim-Kwang Raymond
Church, Mitchell
Claiborne, Jerry
Claypool, Christopher
Crossler, Robert E.
Davis, Keiona
de Vreede, GJ
Degirmenci, Kenan
Dincelli, Ersin
Dissanayake, Indika
Eftekhari, Saeede
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Eric, Bogert
Ernst, Claus-Peter H.
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Fox, Grace
Gall, Michael
Garrett, Nathan
Gerhart, Natalie
Ghahramani, Fereshteh
Ghosh, Kaushik
Goldberg, David
Gren, Lucas
Guo, Yue
Hassna, Ghazwan
Hazarika, Bidyut
Hsieh, Yen-Hao
Huang, Hsin-Yi
Huber, Melanie
Huttner, Jan-Paul
Islam, Md Shariful
Ivanov, Anton
Jiang, Haoqiang
Jiang, Lianlian
Jiang, Randi
Joshi, Mayur
Jozani, Mohsen
Kala Kamdjoug, Jean Robert
Kang, Martin
Kaul, Mala
kazi, Samreen
Kim, Hyerin
Kim, Jonathan
King-Kizito, Kelvin
Kirpes, Benedikt
Kissmer, Tobias
Koelbl, Michael
Kosutic, Dejan
Krotov, Vlad
Kuhlmann, Michel
Lee, Joonghee
LEI, Chun Fong
Li, Chi Hon
Li, Yang
Liang, Yuyang
Link, Georg
Litman, Michael
Loebbecke, Claudia
Loebbecke, Claudia
Lopez, Oscar
Lumbard, Kevin
MacLean, Don
Mamun, Md Rasel Al
Mantovani, Daielly M N
McGuire, Carol
McNeil, Martha



Medlin, Beverly	Simmonds, Daphne
Menard, Philip	Singh, Anil
Merhi, Mohammad	Singh, Tripti
Mikkelsen, Mogens	Soliman, Moataz
Miller, Andrew S.	Song, Jaeki
Miller, Andrew S.	Strobel, Michael
Mueller, Marius	Swan, Melanie
Muhammad, Imran	Syed, Romilla
Nabity, Teagen	TAI, YI-MING
Nah, Fiona	Talebi, Nasim
Namisango, Fatuma	Tarafdar, Monideepa
Nehme, Alaa	Torres, Henry
Nguyen, Quynh	Turetken, Ozgur
Nikkhah, Hamid Reza	Vemprala, Naga Sainarayana
Nikkhah, Hamid Reza	Venkatesan, Aparna
Ning, Weihong	Venkatesan, Srikanth
Nosrati, Fariba	Wan, Yun
Ogbanufe, Obi	Wang, Qian
Pal, Shounak	Wang, Sin-Jie
Piccoli, Gabriele	Wang, Weian
PILLET, Jean-Charles	Wang, Weiyu
Pritchard, Michael	Wang, Xuan
Privitera, Donald	Wickramasinghe, Nilmini
Qi, Kangkang	Woodside, Joseph M
Ramakrishnan, Thiagarajan	Wu, Anqi
Reed, April	Wu, Ya-Ling
Rico, Jobany	Yu, Yinan
Saltz, Jeff	Zaidan, Yuri
Schuff, David	Zaza, Ibtissam
Sengupta, Avijit	Zhang, Sonya
Sherif, Karma	Zhao, Xia
Shivarkar, Pratik	Ziobrowska, Monik

SIG OSRA Business Meeting

18:00 - 20:00 Strand 12A

SIG Health Business Meeting

18:00 - 20:00 Foster 1



Friday, August 17

Appreciation Reception - Invitation Only

18:00 - 19:00 Bolden 6

SIGGIS Annual Meeting

18:00 - 19:30 Bolden 5

MWAIS Reception

18:00 - 19:30 Bolden 3

SIGITProjMgmt Reception

18:00 - 20:00 Strand 9

SIGHCI Business Meeting

18:00 - 20:00 Strand 13B

LACAIS - Latin America and the Caribbean Chapter Meeting

18:00 - 19:30 Imperial 11

SIGSEC Annual Meeting and Reception

18:30 - 21:00 Strand 8

Saturday, August 18

Registration

7:00 - 18:30 Elite Registration Desk First Floor

AMCIS 2018 Track Chairs Meeting

7:30 - 8:30 Strand 13B

Early Morning Coffee Break

7:30 - 8:30 Elite A

Exhibits

8:00 - 16:30 Elite A

Career Connect

8:00 - 17:00 Elite B

Conducting Social Inclusion Research

8:30 - 10:00 Strand 2



Saturday, August 18

This 90-minute professional development symposium is organized and presented by SIG Social Inclusion. The purpose is to facilitate interactive engagement with an audience of IS scholars about conducting social inclusion research. This PDS is intended for those who are already engaged in social inclusion research as well as those who would have not yet but would like to conduct this research. In advance of the symposium, interested participants will be able to submit abstracts of social inclusion research they currently or would like to conduct. The session will begin with a short introduction to the workshop and an overview of social inclusion research to date, focusing on topics, theories, methods and publication outlets for social inclusion research to date. A panel of SI researchers will draw upon their own SI research to consider, in greater detail, specific topics, such as publishing and research methods. This panel will address questions that were submitted by audience members in advance of the PDS. This panel will be followed by a general question & answer session with the audience. Finally, SIG SI leadership will offer closing comments.

Eileen Trauth, Pennsylvania State University
Jaime Windeler, University of Cincinnati
Emma Coleman, University of Witwatersrand

Network Analytics

8:30 - 10:00 Strand 9

Amit Deokar, Chair

Mining the Value of Network Structure on Stock Performance

Wuyue Shangguan, Zhejiang University

Shichao Wang, Zhejiang University

Xi Chen, Zhejiang University

Alvin Chung Man Leung, City University of Hong Kong

A Clustering Based Social Matrix Factorization Technique for Personalized Recommender Systems

L.R. Divyaa, Indian Institute of Technology Madras

Aniruddha Tamhane, Indian Institute of Technology Madras

Nargis Pervin, Indian Institute of Technology Madras

Leveraging IT for Organizational Transformation

8:30 - 10:00 Strand 12A

Stefan Stieglitz, Chair

Relationship between Digital Business Intensity and Process Innovation: An Empirical Examination

Joseph Nwankpa, Miami University Ohio

Yaman Roumani, Oakland University



Saturday, August 18

More Than Meets the Eye: A Case Study on the Role of IT Affordances in Supporting Compliance

Andrea Zasada, University of Rostock

Tung Bui, University of Hawaii

Social Media and Commerce

8:30 - 10:00 Bolden 5

John Erickson, Chair

Technological Advancement in Marketing: Co-creation of Value with Customers

Mina Tajvidi, Swansea University

YiChuan Wang, Newcastle University

Nick Hajli, Swansea University

Social Commerce and Consumer Search Behavior: An Eye-Tracking Study

Patrick Mikalef, Norwegian University of Science and Technology

Kshitij Sharma, Norwegian University of Science and Technology

Ilias Pappas, Norwegian University of Science and Technology

Modeling the Impact of the Sharing Economy on Traditional Firms

Cong Zhang, University of Wisconsin Milwaukee

Derek L. Nazareth, University of Wisconsin Milwaukee

Medical Apps and mHealth Solutions for Health and Wellness Management

8:30 - 10:00 Foster 1

Ton Spil, Chair

Factors Affecting the Adoption of Telemedicine in Rural Areas of Bangladesh

Mohammed Sajedur Rahman, Emporia State University

Rakibul Hoque, University of Dhaka, Bangladesh

Multiple Scenarios for Rewards and Punishments in Medication Adherence

Xinying Liu, Georgia State University

Upkar Varshney, Georgia State University

Understanding the Barriers to Knowledge Sharing in the French Healthcare System: A Conceptual Model and Research Propositions

Imen Ben Hamouda, TEM

Olfar Chourabi, TEM

Imed Boughzala, TEM



Saturday, August 18

IT Project Management

8:30 - 10:00 Bolden 6

Gaurav Shekhar, Chair

Gaia Maturity Model to Deploy IT Services Continuity

Wagner Ueno, State University of Londrina

Rodolfo Barros, State University of Londrina

Jacques Brancher, State University of Londrina

A Review on the Identification and Classification of Impediments in Software Flow

Noel Carroll, National University of Ireland

Mairead O'Connor, National University of Ireland

Henry Edison, National University of Ireland

Development of a Metric for Assessing Full-Stack Developers' Expertise

Jordan Shropshire, University of South Alabama

Jeff Landry, University of South Alabama

Steven Presley, University of South Alabama

How to Implement Clan Control in DevOps Teams

Anna Wiedemann, Neu-Ulm University of Applied Sciences

Manuel Wiesche, Technical University of Munich

ICTs for Economic Performance

8:30 - 10:00 Strand 1

John Effah, Chair

Exploring the Continued Economic Importance of High Tech Industries: Trends and Implications

Benjamin Yeo, DePaul University

An Architectural Design for Learning Analytics in Remote Education Environments

Sameer Verma, San Francisco State University

Andreas Gros, OLPC San Francisco

Martin Dluhos, OLE Nepal

The Impact of Product Placements in YouTube Tutorials on the Buying Decision

Ariane-Tabea Schueller, University of Greifswald



Saturday, August 18

Analysis and Design in a Changing World

8:30 - 10:00 Bolden 2

Keng Siau, Chair

Methods and Metrics for Estimating and Planning Agile Software Projects

Edna Dias Canedo, University of Brasil

Ruyther Parente da Costa, University of Brasil

How are Metamodels Specified in Practice? Empirical Insights and Recommendations

Dominik Bork, University of Vienna

Dimitris Karagiannis, University of Vienna

Benedikt Pittl, University of Vienna

Towards an Understanding of the Role of Design Thinking for Requirements Elicitation - Findings from a Multiple-Case Study

Jennifer Hehn, University of St.Gallen

Falk Uebernickel, University of St.Gallen

Strategic Implications of Blockchain, Bitcoin, and the Internet of Things (IoT)

8:30 - 10:00 Strand 11B

Dan Kim, Chair

Block Chain Based Double Auction Design

Yang Lu, Old Dominion University

XianRong Zheng, Old Dominion University

The Generic Blockchain Ecosystem and its Strategic Implications

Tobias Riasanow, Technische Universität - München

Fiona Burckhardt, Technische Universität - München

David Soto Setzke, Technische Universität - München

Markus Bohm, Technische Universität - München

Helmut Krcmar, Technische Universität - München

A Solution in Search of a Problem: A Method for the Development of Blockchain Use Cases

Gilbert Fridgen, FIM Research Center, University of Bayreuth

Jannik Lockl, FIM Research Center, University of Bayreuth

Sven Radszuwill, FIM Research Center, University of Bayreuth

Alexander Rieger, FIM Research Center, University of Bayreuth

Andre Schweizer, FIM Research Center, University of Bayreuth

Nils Urbach, FIM Research Center, University of Bayreuth



Saturday, August 18

Rethinking Technology Acceptance

8:30 - 10:00 Bolden 4

Julie Wade, Chair

Rethinking Technology Acceptance: Towards a Theory of Technology Utilization

Amir Hossein Ghapanchi, Victoria University

Amir Talaei-Khoei, University of Nevada Reno

"If at First You Don't Succeed, Try, Try Again" Might Not Always Make Sense: On the Influence of Past Technology Category Satisfaction on Technology Usage

Claus-Peter H. Ernst, Frankfurt University of Applied Sciences / SRH University Heidelberg

Birte Malzahn, Hochschule für Technik und Wirtschaft Berlin

The Effect of Students' Technology Readiness on Technology Acceptance

Joy Galaige, Griffith University

Sebastian Binnewies, Griffith University

Geraldine Torrisi-Steele, Griffith University

Kewen Wang, Griffith University

Social Perspectives of Information Systems

8:30 - 10:00 Strand 8

Indira Guzman, Chair

Facts or Opinions? Making Sense through Social Media

Jose Ortiz, University of Auckland

Improving Traffic: Simulation with Smart Traffic Lights

Luis Carpio Ali, ESAN Graduate School of Business

Alex Oviedo Meneses, ESAN Graduate School of Business

Shirley Reynoso Torres, ESAN Graduate School of Business

Arnaldo Tejada Espinoza, ESAN Graduate School of Business

Jose Antonio Robles Flores, ESAN Graduate School of Business

E-Services Provided by Local Governments in Chile: A Comparative Analysis

Valentina Bustos, Universidad Catolica del Norte

Aurora Sanchez-Ortiz, Universidad Catolica del Norte

Simulations and Gamification in IS Education I

8:30 - 10:00 Bolden 1

Tom Case, Chair



Saturday, August 18

Assessing the Potential Learning From Simulation Games

Timo Lainema, RealGame Business Training

A.K.M. Najmul Islam, University of Turku

Kirsi Lainema, RealGame Business Training

Lessons Learned from using Gamification for Teaching Business Informatics to First Year Undergraduate Students

Amir Talaei-Khoei, University of Nevada Reno and University of Technology Sydney

Donald Kerr, University of Sunshine Coast

Luvai Motiwalla, University of Massachusetts

Immersive Virtual Environments in Corporate Education and Training

Anna Carolina Muller Queiroz, USP, UMASS

Alexandre Moreira Nascimento, EAESP-FGV, UNIFESP, USP, UMASS

Romero Tori, POLI-USP

Thomas Brashear Alejandro, University of Massachusetts Amherst

Vinicius Veloso de Melo, ICT-UNIFESP

Fernando de Souza Meirelles, EAESP-FGV

Maria Isabel da Silva Leme, IP-USP

General Topic 1

8:30 - 10:00 Strand 10B

Ramiro Montealegre, Chair

What Drives In-App Purchase Intention in Video Games? An Examination of Patience and the Enjoyment of Routine Tasks

Claus-Peter H. Ernst, Frankfurt University of Applied Sciences / SRH University Heidelberg

What Do You Mean, My Results are Incorrect? The Impact of Multicollinearity and Measurement Error in Tests of Statistical Significance

Dale Goodhue, University of Georgia

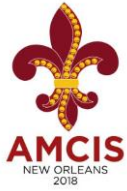
Will Lewis, Illinois State University

Ron Thompson, Wake Forest University

Is Information Systems Late to the Party? The Current State of DevOps Research in the Association for Information Systems eLibrary

Jason Sharp, Tarleton State University

Jeffry Babb, West Texas A&M University



Saturday, August 18

Doctoral Student Corner

9:00 - 17:00 Foster 2

The doctoral student corner is a dedicated space for doctoral students attending the conference to orient to the AMCIS experience and to connect with others in the field. This space will be available throughout the conference as a place for doctoral students to network and relax between conference events. *Sponsored by Indiana University.*

Coffee Break

10:00 - 10:30 Elite A

Virtual Reality and Conversational Agents

10:30 - 12:00 Bolden 4

Liliane Ableitner, Chair

An Investigation of Conversational Agent Relevance, Presence, and Engagement

Ryan M. Schuetzler, University of Nebraska at Omaha

G. Mark Grimes, University of Houston

Justin Scott Giboney, Brigham Young University

Virtual Reality in Marketing: Technological and Psychological Immersion

Anna Carolina Muller Queiroz, USP, UMASS

Alexandre Moreira Nascimento, EAESP-FGV, UNIFESP, USP, UMASS

Thomas Brashear Alejandro, University of Massachusetts Amherst

Romero Tori, POLI-USP

Vinicius Veloso de Melo, ICT-UNIFESP

Fernando de Souza Meirelles, EAESP-FGV

Maria Isabel da Silva Leme, IP-USP

Development of a Measuring Instrument for Storytelling via a Virtual Narrator

Guillaume Faddoul, Claremont Graduate University

Samir Chatterjee, Claremont Graduate University

Simulations and Gamification in IS Education II

10:30 - 12:00 Bolden 1

Craig Van Slyke, Chair

Gamifying Sakai: Understanding Game Elements for Learning

Kingsley Oforu-Ampong, University of Ghana

Richard Boateng, University of Ghana



Saturday, August 18

Play to Learn: Conducting a Playtest Session for Improving an Educational Game

Linda Eckardt, Technische Universitaet Braunschweig
Steve Grogorick, Technische Universitaet Braunschweig
Susanne Robra-Bissantz, Technische Universitaet Braunschweig

Learning Information System Consulting through the Serious Game CityOne

Olf Chourabi, TEM
Imed Boughzala, TEM
Daniel lang, TEM

General Topic 2

10:30 - 12:00 Strand 10B

Michael Dinger, Chair

A Paradigm Shift for Bring Your Own Device (BYOD)

Donald Kerr, University of Sunshine Coast
Amir Talaei-Khoei, University of Nevada Reno
Amir Hossein Ghapanchi, Victoria University

Study on Crowdfunding Patterns and Factors in Different Phases

Bih-Huang Jin, Tunghai University
Yung-Ming Li, National Chiao Tung University
Zhi-Wei Li, National Chiao Tung University

When Worlds Collide: Alignment of Information Systems (IS) Incompatibilities Abstract for Effective Disaster Recovery

Deborah Bunker, University of Sydney Business School
Christian Ehnis, University of Sydney Business School
Linda Levine, University of Sydney Business School
Abdul Babar, University of Sydney Business School
Anthony Sleight, University of Sydney Business School

ZigBee Architecture for Disaster Relief Supply Chain Visibility and Supply Chain Coordination

Cameron Taylor, The University of Auckland
Tiru Arthanari, The University of Auckland

From Implementation to Adoption

10:30 - 12:00 Strand 7

Vishanth Weerakkody, Chair



Saturday, August 18

Combining System Success Factors with Trust to Explain e-Government Adoption Using fsQCA

Ilias Pappas, Norwegian University of Science and Technology

Panos Kourouthanassis, Ionian University

Patrick Mikalef, Norwegian University of Science and Technology

Michail Giannakos, Norwegian University of Science and Technology

Seeking the 'Smart' in Cities: Managing the process of Innovating with IT

Jeffrey Pittaway, Imperial College Business School

Ali Reza Montazemi, McMaster University

Theoretical Perspectives on Usage of e-Government Services: A Literature Review

Martha Liliana Correa Ospina, National University of Colombia

Beatriz Helena Diaz Pinzon, National University of Colombia

The Influence of Values on the Use of Citizen Services: The Elderly Perspective

Yara Khoury, Bentley University

Sandeep Puro, Bentley University

Marybeth Duffy, Waltham Council on Aging

Competence Building and Social Representation

10:30 - 12:00 Strand 8

Jose Robles-Flores, Chair

Need of Use of Knowledge and Learning Technologies in Adolescents

Marco Antonio Vera-Rama-rez, Universidad Nacional Autonoma de Mexico

Guillermo Rodriguez-Abitia, Universidad Nacional Autonoma de Mexico

Evaluation of Effectiveness of Digital Educational Resources

Luis Alberto Gomez del Campo, Universidad Nacional Autonoma de Mexico

Guillermo Rodriguez-Abitia, Universidad Nacional Autonoma de Mexico

Characterizing Brazilian Internet Users: An Analysis Based on Digital Skills

Marcelo Henrique de Araujo, University of Sao Paulo

Nicolau Reinhard, University of Sao Paulo

It Is So (If You Think So): Social Representation Theory and Constructs Definition in the MIS Area in Brazil

Luiz Antonio Joia, Brazilian School of Public and Business Administration at Getulio Vargas Foundation

Gustavo Marchisotti, Pontifical Catholic University of Rio de Janeiro

Data Analytics for Managing Organizational Performance

10:30 - 12:00 Strand 9

Benjamin Shao, Chair



Saturday, August 18

Enterprise Personal Analytics: A Research Agenda
Trevor Clohessy, National University of Ireland Galway
Thomas Acton, National University of Ireland Galway

Archetypes of Data Analytics Providers in the Big Data Era
Christian Dremel, University of St. Gallen
Emanuel Stoeckli, University of St. Gallen
Jochen Wulf, University of St. Gallen
Andre Herrmann, University of St. Gallen

Big Data and Business Analytic Concepts: A Literature Review
Fabiane Fernando, University Neu-Ulm
Tobias Engel, University Neu-Ulm

ICTs for Africa

10:30 - 12:00 Strand 1
Jason Xiong, Chair

Import Clearance Digitalization and Socioeconomic Development: The Case of Ghana
Fred Amankwah-Sarfo, University of Ghana
John Effah, University of Ghana
Richard Boateng, University of Ghana

Biometric Technology for Fighting Fraud in National Health Insurance: Ghana's Experience
Emmanuel Owusu-Oware, University of Ghana
John Effah, University of Ghana
Richard Boateng, University of Ghana

Mobile Micro-work in South Africa
Zaakirah Roomaney, University of Cape Town
Jean-Paul van Belle, University of Cape Town
Pitso Tsibolane, University of Cape Town

Dark Side of Social Media

10:30 - 12:00 Strand 11B
Qin Weng, Chair

Be Careful What You Read - Evidence of Demand-driven Media Bias
Hang Dong, IE University
Jie Ren, Fordham University
Jefferey Nickerson, Stevens Institute of Technology



Saturday, August 18

The Role of Attention and Neutralization in Posting Malicious Comments Online

Han-Min Kim, School of Business, Sungkyunkwan University

Gee-Woo Bock, School of Business, Sungkyunkwan University

Challenges and Future Directions of Automated Cyberbullying Detection

Nargess Tahmasbi, Penn State University

Alexander Fuchsberger, University of Nebraska at Omaha

Social Media Overload and Fatigue: The Moderating Role of Multitasking Computer Self-Efficacy

A.K.M. Najmul Islam, University of Turku

Eoin Whelan, National University Ireland

Stoney Brooks, Middle Tennessee State University

Business Models for the Digital Economy I

10:30 - 12:00 Bolden 5

Brian Cusak, Chair

Effect of Agglomeration in the Restaurant Industry

Keertana V. Chidambaram, Indian Institute of Technology Madras

Nargis Pervin, Indian Institute of Technology Madras

Using Image-based and Text-based Information for Sales Prediction: A Deep Neural Network Model

Ying Wang, Northern Illinois University

Yue Guo, King's College London

Jaeki Song, Texas Tech University

Requirements for Representing Data-Driven Business Models - Towards Extending the Business Model

Canvas

Babett Kuehne, University Hamburg

Bohmann, University Hamburg

Social Inclusion in IS Education and Careers

10:30 - 12:00 Strand 12A

Cindy Riemenschneider, Chair

E-Learning as a Means of Social Inclusion: The Case of Syrian Refugees in Germany

Safa'a AbuJarour, University of Potsdam

Hanna Krasnova, University of Potsdam

The Paradox Evaluation of IT Stereotypes - Post-hoc Analysis of Women's Missing Interest in IT Study Programs

Caroline Ernestine Oehlhorn, University of Bamberg



Saturday, August 18

Gender Difference on Students' Email Security Behaviors

Jie Du, Grand Valley State University

Gregory Schymik, Grand Valley State University

The Role of Tech Corporations at Historically Black Colleges and Universities in American STEM Education

Curtis Cain, Howard University

Allison Morgan Bryant, Howard University

Carlos Buskey, Howard University

Rajni Goel, Howard University

Foundations of Subfields of IS

10:30 - 12:00 Strand 2

Alan Lichfield, Chair

Investigating Information Systems with the Extended Case Method

Octavio Gonzalez, City University of Hong Kong

Computational Ontologies as Classification Artifacts in IS Research

Aurora Gerber, University of Pretoria

Personality Traits and the Digital Entrepreneur: A New Breed or Same Actor?

Cesar Bandera, New Jersey Institute of Technology

Katia Passerini, St. John's University

Health Information Privacy and Security

10:30 - 12:00 Foster 1

Doug Vogel, Chair

Can Information Security Awareness Mitigate Resistance Towards Patients Healthcare Portals?

Bahae Samhan, Illinois State University

Roslin Hauck, Illinois State University

Understanding Healthcare Data Breaches: Crafting Security Profiles

Alexander McLeod, Texas State University

Diane Dolezel, Texas State University



Saturday, August 18

A Study of Factors in HIPAA Non Complaint Behavior

Joana Gaia, University at Buffalo

XunYi Wang, University at Buffalo

Jenn Basile, University at Buffalo

G.L. Sanders, University at Buffalo

David Murray, University at Buffalo

Semantic Ontologies in IS

10:30 - 12:00 Bolden 2

Du Juan, Chair

Classifying Big Data Technologies - An Ontology-based Approach

Matthias Volk, Research and Competence Cluster for VLBA Otto-von-Guericke University

Matthias Pohl, Research and Competence Cluster for VLBA Otto-von-Guericke University

Klaus Turowski, Research and Competence Cluster for VLBA Otto-von-Guericke University

IKON-OWL: Using Ontologies for Knowledge Representation of Local Indigenous Knowledge on Drought

Adeyinka Akanbi, Central University of Technology

Muthoni Masinde, Central University of Technology

Deep Intelligent Systems for Time Series Prediction: Champion or Lame Duck? - Evidence from Crude Oil Price Prediction

Kai Heinrich, TU-Dresden

Vera Fleissner, TU-Dresden

IT Project Management: Leadership and Security

10:30 - 12:00 Bolden 6

Bill Hefley, Chair

How Do We Know If Our Project is Successful? A Call to Reconceptualize Project Success

Michael Cuellar, Georgia Southern University

IS/T Leadership: A Comprehensive Review of Published Research

Abhishek Tripathi, The College of New Jersey

Deepak Khazanchi, University of Nebraska at Omaha

Cybersecurity Threats in the Context of Project Meta-Phases

Steven Presley, University of South Alabama

Jeffrey Landry, University of South Alabama

Jordan Shropshire, University of South Alabama



Saturday, August 18

Information Systems for Sustainable and Resilient Businesses and Supply Chains

10:30 - 12:00 Bolden 3

Thomas Abraham, Chair

Decision Support for Urban E-Grocery Operations

Max Leyerer, Leibniz Universitat Hannover

Marc-Oliver Sonneberg, Leibniz Universitat Hannover

Michael H. Breitner, Leibniz Universitat Hannover

Digital Volunteers for Emergency Management: Lessons from the 2016 Central Italy Earthquake

Dario Bonaretti, Louisiana State University

Gabriele Piccoli, Louisiana State University

Measurement Model for the Construct Eco-Driving: A Mockup for Real-Time Eco-Feedback

Matthias Gottlieb, Technical University of Munich

Markus Bohm, Technical University of Munich

Best Practices for Development and Delivery of Graduate Healthcare Information Systems (HCIS) Curriculum

10:30 - 12:00 Strand 13A

Over the past two decades, HCIS has grown from a conceptual and academic research area to a major growing market segment that spans primary scientific and medical research to point-of-care precision medical treatment. Each year, trade and medical organizations like HIMSS, AMIA, and AHIMA, and clinical organizations in fields like cardiology, laboratory medicine, ophthalmology, pathology and radiology attract hundreds of thousands of attendees to discuss and display innovative HCIS projects and products. What was once a field dominated by the US and Europe is now being matched by similar programs in India, China, and throughout Latin America. For this panel we have assembled a well-seasoned group of speakers, educators, researchers, and practitioners to advance our collective ability to teach “state of the art” courses in this critically important area.

Best Practices for Development and Delivery of Graduate Health Informatics Curriculum

Elliot Sloane, Integrating the Healthcare Enterprise (IHE) International

Nilmini Wickramasinghe, Deakin University

Vijay Gehlot, Villanova University

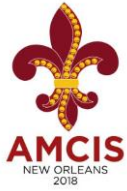
Angelo Thalassinidis, South University

Doug Fridsma, American Medical Informatics Assoc

Robert Hoyt, University of West Florida

Awards Lunch

12:00 - 13:15 Empire ABCD



Saturday, August 18

Agile IT Project Management

13:30 - 15:00 Bolden 6

Dawn Owens, Chair

Improving Scrum Adoption with Gamification

Rita Marques, INOV/IST

Gonçalo Costa, INOV/IST

Miguel Mira Da Silva, INOV/IST

Daniel Gonçalves, INESC-ID/IST

Pedro Gonçalves, Xpand IT

Design and Implementation of an Agile Teaching Framework

Elahe Javadi, Illinois State University

Season Tanner, State Farm

Reviewing the Role of the Agile Manifesto and Agile Methods in Literature

Anna Zaitsev, The University of Sydney

Uri Gal, The University of Sydney

Barney Tan, The University of Sydney

Culture Influence on Information Systems and Technology

13:30 - 15:00 Strand 10B

Sonya Zhang, Chair

Audience Evaluation and Biometric Technology: Challenges and Opportunities

Andrea North-Samardzic, Deakin University

Web-Image Signifier Congruency Theory (WISC): Conceptualization and Examination in an Online Donation Context

Gaurav Bansal, University of Wisconsin - Green Bay

Wenkai Zhou, University of Wisconsin - Green Bay

Effects of Occupational Culture of IT Professionals on Job Satisfaction in Japan

Osam Sato, Tokyo Keizai University

Prashant Palvia, University of North Carolina at Greensboro

Tim Jacks, Southern Illinois University Edwardsville

Hiroshi Sasaki, Rikkyo University

Examining Internet Behavior of Young Technology-Literate Consumers in India

Narasimha Rao Vajjhala, American University of Nigeria

Kenneth David Strang, State University of New York, Plattsburgh



Saturday, August 18

Social Media Analytics & Social Media use in Organizations

13:30- 15:00 Strand 11B

Kevin Craig, Chair

Are Electricity Prosumers More Engaged? An Analysis of Brand-Follower Engagement on Twitter

Jacqueline Corbett, Université Laval

Tony Savarimuthu, University of Otago

Mahmoud Mohanna, Université Laval

Cheers to Untappd! Preferences for Beer Reflect Cultural Differences Around the World

Saulo Brito, Federal University of Technology - Parana (UTFPR)

Ariane Baldykowski, Federal University of Technology - Parana (UTFPR)

Sandro Miczewski, Federal University of Technology - Parana (UTFPR)

Thiago Silva, Federal University of Technology - Parana (UTFPR)

Social Media Response Based Upon Media Richness

Timothy Kaskela, Texas Tech University

Jaeki Song, Texas Tech University

The Impact of Enterprise Social Media Identity on Job Performance and Job Satisfaction

Rasha Alahmad, University of Michigan

Casey Pierce, University of Michigan

Michelle Carter, Washington State University

Lionel Robert, University of Michigan

Digital Transformation in Healthcare

13:30 - 15:00 Foster 1

Kaushik Ghosh, Chair

Wearable Sensor Based Gait Asymmetry Visualization Tool

Arif Reza Anwary, Bournemouth University

Hongnian Yu, Bournemouth University

Michael Vassallo, Royal Bournemouth Hospital

Acceptance of Video Conferencing in Healthcare Planning in Hospitals

Mohammed Shubber, University West

Tomas Åstlind, University West

Ann Svensson, University West

Lena Larsson, Sahlgrenska Academy



Saturday, August 18

Examining the Relationship Between a Hospital's IT Infrastructure Capability and Digital Capabilities: A Resource-Based Perspective

Rogier Van de Wetering, Open University

Johan Versendaal, Open University

Pien Walraven, Open University

Data Agility

13:30 - 15:00 Bolden 2

Sumantra Sarkar, Chair

"Agile Meets Non-Agile": Implications of Adopting Agile Practices at Enterprises

Daniel Gerster, University of St. Gallen

Christian Dremel, University of St. Gallen

Prashant Kelker, ISG One Frankfurt

An Agile Integrated Methodology for Strategic Business Intelligence (AimS-BI)

Lila Rao, The University of the West Indies

Maurice McNaughton, The University of the West Indies

Gunjan Mansingh, The University of the West Indies

Big Data Capability, Customer Agility, and Organization Performance: A Dynamic Capability Perspective

Ghazwan Hassna, Hawaii Pacific University

Paul Lowry, The University of Hong Kong

Institutional Effects on API Development and Integration in Developing Countries: Evidence from Ghana

Joshua Ofoeda, University of Professional Studies, Accra

Richard Boateng, University of Ghana

Social Media and Open Government

13:30 - 15:00 Strand 7

Vishanth Weerakkody, Chair

Using Government Microblogs to Enhance Citizen Engagement

Lihua Wang, Xi'an Jiaotong University

Xin (Robert) Luo, University of New Mexico

Effective Use of Twitter Data in Crisis Management: The Challenge of Harnessing Geospatial Data

Dario Bonaretti, Louisiana State University



Saturday, August 18

Open Data Policy and Open Data Services

Akemi Takeoka Chatfield, University of Wollongong

Christopher G. Reddick, The University of Texas at San Antonio

From Traditional to Agile E-Government Service Development: Starting from Practitioners' Challenges

Anthony Simonofski, KU Leuven

Hajer Ayed, Université de Namur

Benoit Vanderose, Université de Namur

Monique Snoeck, KU Leuven

Social Inclusion in Digital Spaces

13:30 - 15:00 Strand 12A

Kathy Chudoba, Chair

Why Marginalized Groups Struggle to Leverage Digital Activism

Jordana J. George, Baylor University

Dorothy E. Leidner, Baylor University

What Does it Mean to be Autistic? Examining How Identity Threats and Coping Strategies Influence the ASD Identity through Analysis of Identity Talk in Online Communities

Jennifer Large, University of Arkansas

Christina Serrano, Colorado State University

An Overview of Crowd-based Markets and Racial Discrimination

Lauren Rhue, Wake Forest University

Business Models for the Digital Economy II

13:30 - 15:00 Bolden 5

Brian Cusak, Chair

Points of Failure in the Ransomware Electronic Business Model

Brian Cusack, AUT University

Gerard Ward, AUT University

Investigating of In-app Advertising Features' Impact on Effective Clicks for Different Advertising Formats

Xiaoyu Li, University of North Carolina at Greensboro

Xia Zhao, University of North Carolina at Greensboro

Lakshmi Iyer, Appalachian State University

Internet Censorship and Economic Impacts: A Case Study of Internet Outages in India

Chris Leberknight, Montclair State University

Nivitha Raveendran, Montclair State University



Saturday, August 18

Social Media, Psychology and Innovation

13:30 - 15:00 Strand 2

Emmanuel Monod, Chair

Facebook and Dataveillance: Demonstrating a Multimodal Discourse Analysis

Karl van der Schyff, Rhodes University

Kirstin Krauss, of South Africa

Jan Kroeze, University of South Africa

MyMemory: an ontology for privacy protection in external digital memories

Bianca Teixeira, Federal University of the State of Rio de Janeiro

Flavia Santoro, Federal University of the State of Rio de Janeiro

IT Leadership and the IT Profession

13:30 - 15:00 Strand 1

Jennifer Gerow, Chair

Conceptual Foundations of Information Systems Leadership

Ali Ghawe, Queen's University

Kathryn Brohman, Queen's University

Exploring Job Satisfaction of IT Workers in Taiwan, Japan, and China: The Role of Employee

Demographics, Job Demographics, and Uncertainty Avoidance

Benjamin Yeo, DePaul University

Alexander Serenko, Lakehead University

Prashant Palvia, University of North Carolina at Greensboro

Osam Sato, Tokyo Keizai University

Hiroshi Sasaki, Rikkyo University

Jie Yu, The University of Nottingham Ningbo China

Yue Guo, King's College London

Turnaway Intention in the IT Area: A Delphi-based Investigation

Luiz Antonio Joia, Getulio Vargas Foundation

Mariela Assis, Getulio Vargas Foundation

Financial Perspectives of IS Research

13:30 - 15:00 Strand 8

Carlos Bellini, Chair



Saturday, August 18

Benefits of Blockchain for Digital Social Currency

Denis Rodrigues, FGV – EAESP

Alexandra Cunha, FGV – EAESP

Fernando Meirelles, FGV – EAESP

Eduardo Diniz, FGV – EAESP

Social Fintech: Definition, Categorization and Empirical Illustration

Erica Siqueira, EAESP/FGV

Eduardo Diniz, EAESP/FGV

Raphael Albino, FEA/USP

Factors Influencing Premium Pricing in e-Marketplaces

Michael Van Der Linden, University of Sao Paulo

Cesar Alexandre Souza, University of Sao Paulo

Enjoyment and Addiction in Gaming

13:30 - 15:00 Bolden 4

Ryan Schuetzler, Chair

What Makes Games Fun? Card Sort Reveals 34 Sources of Computer Game Enjoyment

Owen Schaffer, DePaul University

Xiaowen Fang, DePaul University

The Influence of IT Artifacts on Players Leading to Internet Gaming Addiction among University Students in Africa

Makafui Nyamadi, University of Ghana

Richard Boateng, University of Ghana

Sustainable Behaviour and Learning through IS

13:30 - 15:00 Bolden 3

Gabrielle Peko, Chair

A Study of Perception Factors that Affect Green IT Behavior

Nelson K. Y. Leung, Swinburne University of Technology

Sim Kim Lau, University of Wollongong

Hannarong Shamsub, Thailand Institute of Nuclear Technology

Sim Yee Lau, Reitaku University

Creating Environmental Sensemaking through Green IS: An Experimental Study on Eco-Nudging Paper Printing Behavior

Kenan Degirmenci, Queensland University of Technology

Jan Recker, University of Cologne



Saturday, August 18

E-Learning Modules for Sustainable Management: Potentials and Challenges

Jan Moritz Anke, University of Goettingen

Matthias Schumann, University of Goettingen

Social Media Analytics

13:30 - 15:00 Strand 9

Tawei (David) Wang, Chair

Online WOM Spillover Effect in the U.S. Automobile Industry

Yen-Yao Wang, Auburn University

Sponsored Ad: Exploring the Effect of Influencer Marketing on Purchase Intention

Lea Muller, University of Bamberg

Jens Mattke, University of Bamberg

Christian Maier, University of Bamberg

Interaction-Aware Watching Duration Prediction on Live Streaming Platforms

Jiawei Chen, Tsinghua University

Hongyan Liu, Tsinghua University

Jun He, Renmin University of China

Sanpu Han, Beijing Mijing Hefeng Technology Co. Ltd.

Information Technology Firms: Creating Value through Digital Disruption

13:30 - 15:00 Strand 13A

This panel will describe the diverse ways in which information technology (IT) firms organize for and manage disruptive technologies to enhance company market value. The panel will include two practitioners offering very different perspectives and strategies on how their respective IT firms create value using disruptive technologies. First, Aaron French (founder of Sociabile, a social networking site startup) and Ben Pace (Chief Financial Officer of C-Spire) describe their firm's strategies for digital disruption. Next, Kai Larsen will offer his perspective on how he anticipates that a specific emerging disruptive technology (automated machine learning) may be exploited to create value for IT firms. Finally, Stacie Petter (Baylor University) will talk about the complexities academics face developing frameworks and other artifacts of common understanding in a sector with so much strategic heterogeneity.



Saturday, August 18

Information Technology Firms: Creating Value Through Digital Disruption

Gary Templeton, Mississippi State University

Aaron French, University of New Mexico

Kai Larsen, University of Colorado, Boulder

Stacie Petter, Baylor University

Ben Pace, C-Spire

Coffee Break

15:00 - 15:30 Elite A

Stakeholders in Open Source Software

15:30 - 17:00 Strand 12A

Rui Sundrup, Chair

Governance of Collaborative Projects Organized as Communities

Isabela Ferraz, University of Brasil

Carlos Santos Jr., University of Brasil

Requirements Analysis for an Open iPaaS: Exploring the CSP, ISP, and SME View

Max-Marcel Theilig, Technische Universitat Berlin

Thorsten Prah, Technische Universitat Berlin

Radiger Zarnekow, Technische Universitat Berlin

A Proposal of a Methodology for Software Ecosystems Development

Andre L. De Gusmao, Federal University of Pará

Cleidson R. B. De Souza, University of Pará

Rodrigo Q. Reis, Federal University of Pará

Adailton M. Lima, Federal University of Pará

The Analytics of Things

15:30 - 17:00 Strand 9

Michael Goul, Chair

Personality in the Human Robot Interaction Literature: A Review and Brief Critique

Lionel Robert, University of

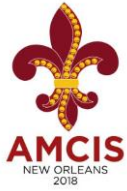
Interests and Agency in AI: The Case of Image with Inception 3 Model

Anna Sidorova, University of North Texas

Validating Hollywood Golden Rules: A Preliminary Study

Morgan Wood, Utah State University

Yong Seog Kim, Utah State University



Saturday, August 18

Sustainable and Resilient Change through IS

15:30 - 17:00 Bolden 3

David Sundaram, Chair

Crowd Sourced Approach Towards Sustainability and Productivity

Christopher Wood, University of Auckland

Asfahaan Mirza, University of Auckland

Gabrielle Peko, University of Auckland

David Sundaram, University of Auckland

An Exploratory Empirical Examination of the Integrated Sustainability Framework via Case Study

Viet Dao, Shippensburg University

Thomas Abraham, Kean University

Estimating Rooftop Photovoltaic (PV) Potential in The Northern Region of Riyadh, Saudi Arabia

Yazeed Alsuhaibany, Claremont Graduate University

Yan Li, Claremont Graduate University

Decision Making in Online Social Networks

15:30 - 17:00 Strand 11B

David Sundaram, Chair

A Social Recommendation Mechanism for Peer-to-Peer Lending

Ting-Kai Hwang, Ming Chuan University, Taiwan

Yung-Ming Li, Institute of Information Management, National Chiao Tung University, Taiwan

Jun-Fei Wan, Institute of Information Management, National Chiao Tung University, Taiwan

Factors Affecting Herd Behaviour in Buying Decisions Influenced by Online Communities

Natascha Pavlovic, Friedrich Alexander University

Predicting Re-loan Success Based on Friendship Network Characteristics in the Online Micro-loan Marketplace

Hongming Gao, Guangdong University of Technology

Carol Ou, Tilburg University

Hongwei Liu, Guangdong University of Technology

Paul Pavlou, Temple University

Hui Zhu, Guangzhou University

Mingjun Zhan, Guangdong University of Technology

Business Perspectives of IS Research

15:30 - 17:00 Strand 8

Carlos Ferran, Chair



Saturday, August 18

Does Business Intelligence and Analytics Leverage Dynamic and Operational Capabilities? An Empirical Study in a Brazilian Telecommunications Company

Valter Moreno, UERJ

Wagner Carvalho, Master's in Management Program, Ibmec

Flavia Cavazotte, IAG/PUC-RJ

Use of Social CRM to improve Targeted Marketing Campaigns in the Retail Sector

Victor W. Bohorquez Lopez, Pontificia Universidad Católica Madre y Maestra

Edwin Huaynate, Universidad de Lima

Christiam Mendez, Universidad de Lima

Dynamics of the IT adoption: Exploring Changes in the Cognitive Models of a User

Alejandro Cataldo, Universidad de Talca

Gustavo Farias, Universidad de Talca

Cristobal Gonzalez, Universidad de Talca

Healthcare Informatics and Health Information Technology (HIT)

15:30 - 17:00 Foster 1

Michael Dohan, Chair

Digital Transformation in Healthcare: Enabling Employee Co-Creation through Web 2.0

Niels Frederik Garmann-Johnsen, Agderforskning and University of Agder

Migle Helmersen, Agderforskning

Tom Roar Eikebrokk, University of Agder

Identifying Similar Questions in Healthcare Social Question Answering: A Design Science Research

Blooma John, University of Canberra

Nilmini Wickramasinghe, Deakin University & Epworth HealthCare

Jayan Kurian, University of Canberra

Data Quality Assurance via Perioperative EMR Reconciliation

James (Jim) Ryan, Auburn University at Montgomery

Barbara Doster, University of Alabama-Birmingham Hospital

Sandra Daily, Princeton Baptist Medical Center

Carmen Lewis, Troy University

Individual-Level Replication Research

15:30 - 17:00 Bolden 5

Robert Fuller, Chair



Saturday, August 18

Impulsivity and Risky Cybersecurity Behaviors: A Replication
Zahra Aivazpour, University of Texas at San Antonio
V. Srinivasan (Chino) Rao, University of Texas at San Antonio

Costumes in League of Legends - Replicating Findings from Cyworld and Habbo
Bastian Kordyaka, University of Siegen
Marius Mueller, University of Siegen
Katharina Jahn, University of Siegen
Oliver Heger, University of Siegen
Bjoern Niehaves, University of Siegen

Interventions and Applications of HCI Research

15:30 - 17:00 Bolden 4
Mark Grimes, Chair

Affordance-based Use Case Mining
Mostafa Mesgari, Elon University

Direct Application of Research Study Findings in a Practitioner Setting: The Application of the Small Retail Facilities Model for Retail Facility Assessment
Omar Aboulola, UJ-Saudi Arabia

Eco-Feedback Interventions: Selective Attention and Actual Behavior Change
Liliane Ableitner, ETH Zurich
Verena Tiefenbeck, ETH Zurich, University of Bonn
Elgar Fleisch, ETH Zurich, University of St. Gallen
Thorsten Staaake, University of Bamberg

Threats that Challenge MIS Leadership

15:30 - 17:00 Strand 2

Social Event

18:30 - 21:30 Empire ABCD

Sunday, August 19

Birds of a Feather

9:00 - 11:00 Foster 1