## Wednesday, August 15

<table>
<thead>
<tr>
<th>Event</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td><strong>SIGED - Analytics &amp; Visualization with SAS and Tableau</strong></td>
<td>8:00 - 13:00</td>
<td>Foster 1</td>
</tr>
<tr>
<td><strong>MIS Quarterly Author Development Workshop</strong></td>
<td>12:30 - 17:30</td>
<td>Strand 13A</td>
</tr>
<tr>
<td><strong>Registration</strong></td>
<td>16:00 - 18:00</td>
<td>Elite Registration Desk First Floor</td>
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<tr>
<td><strong>Consortia Welcome Reception</strong></td>
<td>17:30 - 18:30</td>
<td>Foster 1</td>
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<tr>
<td><strong>Doctoral Consortium</strong></td>
<td>7:00 - 14:45</td>
<td>Empire A</td>
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## Thursday, August 16

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<thead>
<tr>
<th>Event</th>
<th>Time</th>
<th>Location</th>
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<tr>
<td><strong>Registration</strong></td>
<td>7:00 - 19:30</td>
<td>Elite Registration Desk First Floor</td>
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<tr>
<td><strong>Set-Theoretic Methods Qualitative Comparative Analysis (QCA) for IS Research</strong></td>
<td>8:00 - 12:00</td>
<td>Strand 2</td>
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<tr>
<td>Young Ki Park, George Washington University</td>
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<td>James Denford, Royal Military College of Canada</td>
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<tr>
<td><strong>Automated Machine Learning for All Business Majors and Levels</strong></td>
<td>8:00 - 14:00</td>
<td>Strand 1</td>
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<tr>
<td>Kai Larsen, Chair</td>
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<tr>
<td>Automated Machine Learning (AutoML) for all Business Majors and Levels</td>
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<tr>
<td>Kai Larsen, University of Colorado</td>
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<tr>
<td><strong>Social Media Operationalized for Locational Analytics: A Hands-On Tutorial</strong></td>
<td>8:00 - 12:00</td>
<td>Strand 7</td>
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<tr>
<td>Social Media Operationalized for Locational Analytics: A Hands-on Tutorial Utilizing NLP, Topic Modeling, and GIS</td>
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<tr>
<td>Brian Hilton, Claremont Graduate University</td>
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**Thursday, August 16**
Thursday, August 16

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-Alaghehband, 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  
Alsius 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 Gallaugher, 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 Gallaugher, 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
Alessio De Santo, University of Neuchatel
Ulysse Rosselet, University of Applied Sciences Western Switzerland
Cedric Gaspoz, University of Applied Sciences Western Switzerland

Technology Enhanced Collaborative Learning & Nifty Assignments
15:00 - 16:30  Bolden 1
Rassule Hadidi, Chair

Students' Learning Experience in Flipped Classes Using Social Media
Amir Talaei-Khoei, University of Nevada Reno
Jay Daniel, University of Derby
Mohsen Dokhanchi, University of Queensland

Hands-on Exercises and Assignments on Google Cloud Platform
Tai-Yin Chi, California State University, San Bernardino
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 Talaei-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 Purao, Bentley University
Yanling Xu, Bentley University
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 Koldeweij, 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 Bhattanerjee, 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 Biros, 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 in 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 Ziegelmayer, IESEG School of Management  
Laurie Barfitt, Western New Mexico University

Design of a Colorectal Cancer Data Warehouse  
Bunyamin Ozaydin, University of Alabama at Birmingham  
Upender 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"  
Roozmehr 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 Carraher 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 Kapala, 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  
Cleidson De Souza, Universidade Federal do Para  
Nikolas Carneiro, Vale Institute of Technology  
Jair Ferreira, Vale Institute of Technology  
Wallace Lira, Simon Fraser 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 Gewald, 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
Fabrício 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 Ndiciu, 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 Silaber, 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
Hirotoshi 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  
Narcyz 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
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
Hirotoshi 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
Renae 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 Jyvaskyla
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
Bengisu Tulu, Worcester Polytechnic Institute
Daniela Field, 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 Nasralah, 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 Purao, 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
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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Americas Conference on Information Systems  
August 16-18, 2018  
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Zhao, Xia  
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
Olfa 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 Setzké, 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 Reynozo 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 Ofosu-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 Gregorick, Technische Universitaet Braunschweig
Susanne Robra-Bissantz, Technische Universitaet Braunschweig

Learning Information System Consulting through the Serious Game CityOne
Olfa 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 Sleigh, 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
Ilia 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
Sandep Purao, 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
Nicola 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
  Aurona 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

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 Thalassidinis, 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 Miczevski, 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 Ä–stlind, 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 Sociable, 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 Prahl, 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 Alsuaibany, 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 Staake, 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