

# Conference Administration

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**Chairman**  
Ralph H. Sprague Jr.  
University of Hawai'i at Manoa

**Conference Administrator**  
Sandra Laney  
University of Hawai'i at Manoa

**Track Administrator**  
Thayanan Phuaphanthong  
University of Hawai'i at Manoa

## Track Chairs

**Collaboration Systems and Technologies**  
Jay F. Nunamaker Jr., University of Arizona  
Robert O. Briggs, University of Nebraska at Omaha

**Decision Technologies and Service Sciences**  
Daniel R. Dolk, Naval Postgraduate School

**Digital Media: Content and Communication**  
Michael Shepherd, Dalhousie University, Canada

**Electric Power Systems Restructuring: Engineering, Economics and Policy**  
Robert J. Thomas, Cornell University

**Electronic Government**  
Hans Jochen Scholl, University of Washington

**Information Technology in Health Care**  
William G. Chismar, University of Hawai'i at Manoa

**Internet and the Digital Economy**  
Dave King, JDA Software Group, Inc., Scottsdale, AZ  
Alan Dennis, Indiana University

**Knowledge Management Systems**  
Murray Jennex, San Diego State University  
Dave Croasdell, University of Nevada, Reno

**Organizational Systems and Technology**  
Hugh J. Watson, University of Georgia

**Software Technology**  
Rick Kazman, University of Hawai'i at Manoa  
Gul Agha, University of Illinois at Urbana-Champaign

**Information Systems Advisory Committee**

Co-Chairs: Jay F. Nunamaker Jr., University of Arizona  
Ralph H. Sprague Jr., University of Hawai'i at Manoa

Izak Benbasat, University of British Columbia, Canada  
Robert O. Briggs, University of Nebraska at Omaha  
Tung Bui, University of Hawai'i at Manoa  
Christer Carlsson, Abo Akademi University, Finland  
William G. Chismar, University of Hawai'i at Manoa  
Eric Clemons, University of Pennsylvania  
Alan Dennis, Indiana University  
Daniel R. Dolk, Naval Postgraduate School  
Bob Galliers, Bentley College and London School of Economics  
David R. King, JDA Software Group, Inc.  
Kay Nelson, Ohio State University  
Lorne Olfman, Claremont Graduate University  
Sajda Qureshi, University of Nebraska at Omaha  
Joe Valacich, Washington State University  
Doug Vogel, City University of Hong Kong  
Pirkko Walden, Abo Akademi University, Finland  
Hugh J. Watson, University of Georgia  
Andrew Whinston, University of Texas at Austin

## Tracks and Minitracks

### Collaboration Systems and Technologies Track

Jay F. Nunamaker Jr., University of Arizona  
Robert O. Briggs, University of Nebraska at Omaha and Delft University of Technology

#### Advances in Teaching and Learning Technologies

Eric L. Santanen, Bucknell University  
David H. Spencer, New Jersey Institute of Technology and Rutgers University

#### Collaboration Issues in Cross-Organizational and Cross-Border IS/IT

Nicholas C. Romano Jr., Oklahoma State University  
James B. Pick, University of Redlands  
Narcyz Roztocki, State University of New York at New Paltz

#### Designing Collaboration Processes and Systems

Gert-Jan deVreede, University of Nebraska at Omaha and Delft University of Technology  
Robert O. Briggs, University of Nebraska at Omaha and Delft University of Technology  
Gwendolyn L. Kolfschoten, Delft University of Technology

#### Emergency Response Systems

Tung X. Bui, University of Hawai'i at Manoa  
Murray Turoff, New Jersey Institute of Technology  
Bartel Van de Walle, Tilburg University

#### Human-Computer Interaction (HCI)

Joseph S. Valacich, Washington State University  
John D. Wells, Washington State University

#### Measuring Collaborative Technologies and Processes

Bruce Reinig, San Diego State University  
John Murphy, University of Nebraska at Omaha  
Alanah Davis, University of Nebraska at Omaha

#### Mobile Technologies and Collaboration

Joseph S. Valacich, Washington State University  
Clayton A. Looney, University of Montana

#### Negotiation Support Systems

Tung X. Bui, University of Hawai'i at Manoa  
Melvin F. Shakun, New York University

#### Social Networks and Collaboration

Harri Oinas-Kukkonen, University of Oulu  
Andrew B. Hargadon, University of California, Davis  
Donald F. Steiny, University of Oulu

## **Decision Technologies and Service Sciences Track**

Daniel R. Dolk, Naval Postgraduate School

### **Agent Technology, Intelligent Systems and Soft Computing in Management Systems**

Christer Carlsson, Åbo Akademi University

### **Intelligent Decision Support for Logistics and Supply Chain Management**

Andreas Fink, Helmut-Schmidt-University Hamburg

Hans-Jürgen Sebastian, RWTH Aachen University

Stefan Voß, University of Hamburg

### **Knowledge Discovery for Managerial Decision Support**

Dursun Delen, Oklahoma State University

David L. Olson, University of Nebraska

### **Mobile Commerce and Value Services**

Christer Carlsson, Åbo Akademi University

Matti Rossi, Helsinki School of Economics

Virpi Kristiina Tuunainen, Helsinki School of Economics

Pirkko Walden, Åbo Akademi University

### **Operations Research Approaches to Service Sciences, Management and Engineering**

Hans-Jürgen Sebastian, RWTH Aachen University

Dan Dolk, Naval Postgraduate School

### **Service Oriented Enterprise**

Haluk Demirkan, Arizona State University

Michael Goul, Arizona State University

Douglas Morse, Oracle

### **Service Science Management and Engineering**

Michael J. Shaw, University of Illinois at Urbana-Champaign

Paul P. Maglio, IBM Almaden Research Center

Fu-ren Lin, National Tsing Hua University

### **Software Agents and Semantic Web Technologies**

Thomas e. Potok, Oak Ridge National Laboratory

Mark T. Elmore, Oak Ridge National Laboratory

Yu Jiao, Oak Ridge National Laboratory

## **Digital Media: Content and Communication Track**

Michael Shepherd, Dalhousie University

### **Digital Divide**

Karine Barzilai-Nahon, University of Washington  
Narcyz Roztocky, State University of New York at New Paltz

### **Genres in Communication and Digital Documents**

Kevin Crowston, Syracuse University  
Carina Ihlström Eriksson, Halmstad University  
Tero Päivärinta, Agder University College

### **Information Retrieval and Search Effectiveness: Exploring New Perspectives**

Ray Larson, University of California, Berkeley  
Carolyn Watters, Dalhousie University

### **Knowledge Discovery**

Mark T. Elmore, Oak Ridge National Laboratory

### **Persistent Conversation 9: Design and Analysis of CMC Systems**

Thomas Erickson, IBM T. J. Watson Research Center  
Susan C. Herring, Indiana University

### **Social Spaces: Production and Consumption of Goods in Digital Collectives**

Fernanda B. Viégas, IBM Research  
Karrie Karahalios, University of Illinois

## **Electric Power Systems Restructuring: Engineering, Economics and Policy Track**

Robert J. Thomas, Cornell University

### **Electric Power System Monitoring and Control**

Peter W. Sauer, University of Illinois

### **Engineering and Economic Interactions**

Richard Schuler, Cornell University

### **Electric Power Reliability and Security**

Jeffrey E. Dagle, Pacific Northwest National Laboratory

## **Electronic Government Track**

Hans Jochen Scholl, University of Washington

### **E-Democracy**

Eric W. Welch, University of Illinois at Chicago  
Suzanne Beaumaster, University of La Verne  
David Wolber, University of San Francisco

### **E-Government Architecture, Infrastructure, and Integration**

Ralf Klischewski, German University in Cairo  
Haluk Demirkan, Arizona State University  
Marijn Janssen, Delft University of Technology

### **E-Government Emerging Topics**

Theresa Pardo, University at Albany, SUNY  
Lawrence Brandt, National Science Foundation

### **E-Government Information Security**

Gregory B. White, University of Texas at San Antonio  
Wm. Arthur Conklin, University of Houston

### **E-Government/Organization and Management**

Helmut Krcmar, Technische Universität München  
Christine Leitner, Donau-Universität Krems  
Anthony M. Cresswell, University at Albany-SUNY

### **E-Government Services and Information**

Maria Wimmer, University of Koblenz-Landau  
Enrico Ferro, Istituto Superiore Mario Boella (ISMB)  
Sara Eriksén, Blekinge Institute of Technology

### **E-Policy, Law, and Governance**

Keith Schildt, University of La Verne  
Sharon S. Dawes, University at Albany, SUNY  
Stuart W. Shulman, University of Pittsburgh

## **Information Technology in Health Care Track**

William G. Chismar, University of Hawai'i at Manoa

### **Advanced Bioinformatics Tools for Translational Research**

Hesham H. Ali, University of Nebraska at Omaha  
Simon Sherman, University of Nebraska Medical Center

### **Consumer Health Informatics**

Cynthia LeRouge, St. Louis University  
Gordana Culjak, University of Technology, Sydney  
Thomas A. Horan, Claremont Graduate University

### **HCI Issues in Healthcare IT**

Ann Fruhling, University of Nebraska at Omaha  
E. Vance Wilson, University of Wisconsin-Milwaukee  
Nina McGarry, Marymount University

### **Interoperability and Standards in Health Care IT**

Mark Gaynor, Boston University  
Steve Moulton, University of Colorado  
James Rawn, Harvard Medical School

### **IT Adoption and Evaluation in Healthcare**

Ton Spill, University of Twente  
Ken Trimmer, Idaho State University  
Cynthia LeRouge, Saint Louis University  
Carla Wiggins, Idaho State University

### **IT Applications in Healthcare Environments**

Radmilla Juric, University of Westminster  
Jasna Kuljis, Brunel University  
Patricia Obendorf, Carnegie Mellon University

## **Internet and the Digital Economy Track**

Dave King, JDA Software Group, Inc.  
Alan Dennis, Indiana University

### **Community Wireless Networks for Development**

Hesham H. Ali, University of Nebraska at Omaha  
Abdelnasser Abdelaal, University of Nebraska at Omaha

### **Cyber Threats, Emerging Risks, and Systemic Concerns**

Guido Schryen, RWTH Aachen University  
Jose J. Gonzales, Agder University College  
Eliot Rich, University at Albany

### **Delivering Online Service Quality: The Role of IT**

Beverly Hope, UAE University  
Mary Tate, Victoria University of Wellington  
Brian Corbitt, RMIT University

### **Electronic Customer Relationship Management**

Susanne Glissmann, University of St. Gallen  
Nicholas C. Romano Jr., Oklahoma State University  
Lutz M. Kolbe, University of St. Gallen  
Jerry Fjermestad, New Jersey Institute of Technology

### **Electronic Marketing**

Ajit Kambil, Deloitte Research  
Marios Koufaris, City University of New York  
Arnold Kamis, Bentley College  
Bruce Weinberg, Bentley College

**Interactive Digital Entertainment, Social Computing, and Lifestyle Computing**

Paul Benjamin Lowry, Brigham Young University  
Ian MacInnes, Syracuse University

**Internet Security: Intrusion Detection and Prevention in Mobile Systems**

Joe Tront, Virginia Tech  
Randy Marchany, Virginia Tech

**Market Structures and Business Models for Web-Based Information Goods**

Axel Hochstein, University of St. Gallen  
Jie Wang, Stanford University  
Alexander Schwinn, eBay International

**Open Movements: Open Source Software and Open Content**

Kevin Crowston, Syracuse University  
Hala Annabi, University of Washington

**Standards and Standardization**

Joel West, San José State University  
Kalle Lyytinen, Case Western Reserve University  
Tim Weitzel, University of Bamberg

**Technology and Strategies for Service-Oriented Architectures**

William Haseman, University of Wisconsin-Milwaukee  
Marc N. Haines, University of Wisconsin-Milwaukee  
Frank Armour, George Mason University

**Value Webs in the Service Economy**

Helmut Krcmar, University of Wisconsin-Milwaukee  
Kalle Lyytinen, Case Western Reserve University  
Jan Marco Leimeister, University of Wisconsin-Milwaukee

**Virtual Communities**

Karine Barzilai-Nihon, University of Washington  
Caroline Haythornthwaite, University of Illinois at Urbana-Champaign

**Knowledge Management Systems Track**

Murray Jennex, San Diego State University  
Dave Croasdell, University of Nevada, Reno

**Knowledge Management Implementations and Other Issues**

Dave Croasdell, University of Nevada, Reno  
Peter Baloh, University of Ljubljana

**Knowledge Flows: Knowledge Transfer, Sharing and Exchange in Organizations**

K.D. Joshi, Washington State University  
Mark E. Nissen, Naval Postgraduate School  
Saonee Sarker, Washington State University



**Knowledge Management for Creativity and Innovation**

Hind Benbya, GSCM Montpellier Business School  
Lynne P. Cooper, Jet Propulsion Laboratory  
Nassim Belbaly, GSCM Montpellier Business School

**Knowledge Management/Organizational Memory Success and Performance Measurements**

Stefan Smolnik, International University Schloss Reichartshausen  
Murray E. Jennex, San Diego State University

**Knowledge Modeling**

Stefan Smolnik, International University Schloss Reichartshausen  
Murray Jennex, San Diego State University

**Supporting Distributed Cognition in Knowledge Management Systems**

Susan Gasson, Drexel University  
Jim Waters, Drexel University

**Technological Aspects of KM**

Richard Orwig, Susquehanna University  
Dianne Hall, Auburn University  
Jim Courtney, University of Central Florida

**Organizational Systems and Technology Track**

Hugh J. Watson, University of Georgia

**Business Processes Management (BPM)**

Olivera Marjanovic, University of Sydney

**Competitive Strategy, Economics and IS**

Eric K. Clemons, University of Pennsylvania  
Rajiv M. Dewan, University of Rochester  
Robert J. Kauffman, Arizona State University

**Data Warehousing and Business Intelligence**

Hugh J. Watson, University of Georgia  
Robert Winter, University of St.Gallen  
Barbara H. Wixom, University of Virginia

**Enterprise Architecture: Challenges and Implementations**

Frank Armour, George Mason University  
Stephen Kaisler, SET Associates, Inc.  
Jeff Bitner, Commonwealth of Pennsylvania

**ERP/EAI System Issues and Answers**

Gail Corbitt, California State University, Chico  
Marino Themistocleous, Brunel University  
Zahir Irani, Brunel University

## **Implementation and Usage of Radio Frequency Identification (RFID)**

Frederick J. Riggins, University of Minnesota  
Bill C. Hardgrave, University of Arkansas

## **Information Technology for Development**

Sajda Qureshi, University of Nebraska at Omaha  
Peter Wolcott, University of Nebraska at Omaha  
Maung Sein, Agder University College

## **Innovation and Innovation Management**

Desai Narasimhalu, Singapore Management University  
Marko Torkkeli, Lappeenranta University of Technology

## **IT and Project Management**

Joseph Weiss, Bentley College  
Sue Newell, Bentley College  
Jacky Swan, Warwick University

## **IT Governance and Its Mechanisms**

Wim Van Grembergen, University of Antwerp

## **Research Methods and Applications**

Sajda Qureshi, University of Nebraska at Omaha  
Doug Vogel, City University of Hong Kong  
Kerry Ward, University of Nebraska at Omaha

## **Social Issues in Organizations**

Donald L. Amoroso, Kennesaw State University  
Michael Knight, Appalachian State University

## **Theoretical Approaches to IS Research**

Scott Schneberger, Appalachian State University  
Michael R. Wade, York University

## **Topics in Organizational Systems and Technology**

Kelly Rainer, Auburn University  
Mark Frolick, Xavier University

## **Software Technology Track**

Rick Kazman, University of Hawai'i at Manoa  
Gul Agha, University of Illinois Urbana-Champaign

## **Agile Software Development: Lean, Distributed, and Scalable**

Jeff Sutherland, PatientKeeper Inc.  
Hubert Smits, Rally Software Development

## **Algorithmic Challenges in Emerging Applications of Computing**

Linda Morales, Texas A & M University-Commerce  
Wolfgang Bein, University of Nevada

**CERT Software Application Security**

Robert C. Seacord, Carnegie Mellon University

Jason Rafail, Carnegie Mellon University

Dan Plakosh, Software Engineering Institute

**Digital Forensics—Pedagogy and Foundational Research Activity**

Rayford Vaughn, Mississippi State University

David Dampier, Mississippi State University

**Enterprise Modeling for Information Systems Development**

Sergio de Cesare, Brunel University

Mark Lycett, Brunel University

Alan Serrano, Brunel University

**Wireless Sensor Networks and Applications**

Edoardo Biagioini, University of Hawai'i at Manoa

Stephan Olariu, Old Dominion University