DESRIST 2012 Program

Sunday, May 13, 2012

9:00am – 5:00pm  DESRIST Doctoral Consortium

6:45pm  Meeting at the Westin Starbucks (1st floor, west side of building) to walk to Imperial Palace

7:00pm – 9:00pm  Welcome Reception in the Auto Collection at the Imperial Palace Hotel

Monday, May 14, 2012

8:00am - 9:00am Breakfast

9:00am - 10:30am  Plenary Session
- Welcome
- Keynote Speech: Designing the Business with IT
  Jack Braman, Co-Founder & Former CIO of the Las Vegas Sands Corporation

10:30am - 11:00am  Break

11:00am - 12:30pm, Session A – Contributions of Design
Session Chair: Raj Sharman, State University of New York at Buffalo
- Evaluations in the Science of the Artificial - Reconsidering the Build-Evaluate Pattern in Design Science Research
  o Christian Sonnenberg and Jan Vom Brocke, University of Lichtenstein
- Design Science as Design of Social Systems - Implications for Information Systems Research
  o Andreas Drechsler, University of Duisburg-Essen
- Anatomy of Knowledge Bases used in Design Science Research - A Literature Review
  o Oliver Gass, Norbert Koppenhagen, Alexander Mädche, Harald Biegel and Benjamin Müller, University of Mannheim

11:00am - 12:30pm, Session B - Enterprise Architecture
Session Chair: Ayse Morali, PwC (Ghent, Belgium)
- Designing Memories for ERP Systems
  o Wendy Lucas and Tamara Babaian, Bentley University
- Applying Design Science Research for Enterprise Architecture Business Value Measurements
  o Martin Meyer and Markus Helfert, Dublin City University
- Designing-in-the-Large: Combining Local Perspectives to Design Global Solutions for Effective Enterprise Integration
  o Sandeep Purao and Narasimha Bolloju, Penn State University
  o Chuan-Hoo Tan, City University of Hong Kong

12:30pm – 2:00pm  Lunch
2:00pm – 3:30pm  
**Plenary Session**
- **Panel:** Doing Design Research, Moderator: Sandeep Purao, Penn State University  
Panelists: William Kuechler, University of Nevada, Reno; Antonio Rito Silva, Queensland University of Technology; Atish Sinha, University of Wisconsin - Milwaukee; Samir Chatterjee, Claremont Graduate University

3:30pm - 4:00pm Break

4:00pm - 5:30pm, **Session A – Evaluation Methods**
Session Chair: Mark Srite, University of Wisconsin - Milwaukee
- Action Research as a Validation Method in Information Systems Design Science  
  o Roel Wieringa, University of Twente  
  o Ayse Morali, PwC (Ghent, Belgium)
- Design Science Research Evaluation  
  o Ken Peffers and Marcus Rothenberger, University of Nevada Las Vegas  
  o Tuure Tuunanen, University of Oulu  
  o Reza Vaezi, University of Houston
- A Comprehensive Framework for Evaluation in Design Science Research  
  o John Venable, Curtin University  
  o Jan Pries-Heje, Roskilde University  
  o Richard Baskerville, Georgia State University

4:00pm - 5:30pm, **Session B – Processes**
- Designing for Recombination: Process Design through Template Combination  
  o Arvind Karunakaran, Massachusetts Institute of Technology  
  o Sandeep Purao, Penn State University
- Towards a Decision Tool for Choosing a Business Process Maturity Model  
  o Amy Van Looy, Manu De Backer and Geert Poels, Ghent University
- Integrating Organisational Design with IT Design: The Queensland Health Payroll Case  
  o António Rito Silva and Michael Rosemann, Queensland University of Technology

5:30pm - 6:30pm  
**DESRIST Business Meeting**

6:30pm  
Meeting at the Westin Starbucks (1st floor, west side of building) to walk to Cosmopolitan Hotel

7:00pm – 9:00pm  
Dinner at Wicked Spoon in the Cosmopolitan Hotel
Tuesday, May 15, 2012

8:00am - 9:00am Breakfast

9:00pm – 10:30pm, Session A – Design Theory
Session Chair: Amy Van Looy, Ghent University
- Characterizing Design Science Theories by Level of Constraint on Design
  o William Kuechler, University of Nevada, Reno
  o Vijay Vaishnavi, Georgia State University
- On the Relationship between the IT Artifact and Design Theory: The Case of Virtual Social Facilitation
  o Björn Niehaves, Kevin Ortbach and Asin Tavakoli, University of Muenster
- Towards a Formal Approach to Information Systems Design Theory Using Category Theory
  o George R. Widmeyer, New Jersey Institute of Technology

9:00pm – 10:30pm, Session B – Impact of the Artifact
Session Chair: Arjan Knol, University of Groningen
- Design Engineering by Design Knowledge and Translations
  o Wolfgang Maass and Sabine Janzen, Saarland University
- Environmental Sustainability in Design Science Research: Direct and Indirect Effects of Design Artifacts
  o Jan Vom Brocke and Stefan Seidel, University of Lichtenstein
- Design of Software Agent-Populated Electronic Negotiation System and Evaluation of Human-to-Agent Negotiations
  o Rustam Vahidov, Concordia University

10:30am - 11:00am Break

11:00am - 12:30am, Session A – Innovation
Session Chair: Kevin Ortbach, University of Muenster
- Designing Digital Innovation Contests
  o Anders Hjalmarsson and Daniel Rudmark, Viktoria Institute, Sustainable Mobility
- Towards a Unified Design Theory for Creativity Support Systems
  o Matthias Voigt, Björn Niehaves and Jörg Becker, University of Münster
- Common Citation Analysis and Technology Overlap Factor: An empirical investigation of litigated patents using Network Analysis
  o Srikar Velichety and Sudha Ram, University of Arizona

11:00am - 12:30am, Session B – Systems Development
Session Chair: Atish Sinha, University of Wisconsin - Milwaukee
- Evaluating APIs: A Call for Design Science Research
  o Bala Iyer, Babson College
  o George Wyner, Boston University
- Design Principles for Inter-organizational Systems Development - Case Hansel
  o Heikki Leminen, Matti Rossi and Virpi Tuunaine, Aalto University School of Economics
- Using Design Science Research to develop a modeling technique for service design
  o Lysanne Lessard and Eric Yu, University of Toronto

12:30pm - 2:00pm Lunch

2:00pm - 3:30pm Plenary Session
- Panel: The IT Artifact in Design Research, Moderator: Robert Winter, University of St. Gallen
  Panelists: Alan Hevner, University of South Florida; Jan Pries-Heje, Roskilde University; Matti Rossi, Aalto University; John Venable, Curtin University
4:00pm - 5:30pm Session A – Organizational Designs
Session Chair: Rustam Vahidov, Concordia University
- Decision Enhancement for Sourcing with Shared Service Centres in the Dutch Government
  o Arjan Knol and Henk Sol, University of Groningen
  o Johan Van Wamelen, Erasmus University Rotterdam
- Designing Virtual Management
  o Jan Pries-Heje, Roskilde University
  o Lene Pries-Heje, The IT University of Copenhagen
- Towards a Comprehensive Online Peer Assessment System (Design Outline)
  o Dmytro Babik, Lakshmi Iyer and Eric Ford, University of North Carolina at Greensboro

4:00pm - 5:30pm Session B – Communication
Session Chair: Daniel Rudmark, Viktoria Institute
- Emergency Response System Design: An Examination of Emergency Communication Messages
  o Rohit Valecha, Raj Sharman, Hejamadi Rao and Shambhu Upadhyaya, State University of New York at Buffalo
- Work in Progress: Designing an Artifact for Context-aware Mobile Advertising
  o Upkar Varshney, Georgia State University
- What makes corporate wikis work? Wiki affordances and their suitability for corporate knowledge work
  o Lisa Yeo and Ofer Arazy, University of Alberta