WITS 2012 Call for Papers

22nd Workshop on Information Technologies and Systems in Orlando, Florida
December 15-16, 2012

Conference Theme: Digital Innovation for Sustainability
Conference URL: http://site.warrington.ufl.edu/wits/
Electronic Submission System: https://www.easychair.org/conferences/?conf=wits2012

The 22nd Annual Workshop on Information Technologies and Systems will be held in Orlando, Florida, on December 15-16, 2012, just prior to the International Conference on Information Systems (ICIS). The purpose of the workshop is to provide a forum for discussion and interaction among scholars with research interests in the cutting edge issues of information technologies and systems. The theme of the conference is “Digital Innovation for Sustainability.”

Sustainability is the capacity of systems to endure over time. Even though this definition is intended mostly for ecosystems, it obviously extends to systems created and impacted by humans such as information systems. Unconstrained human economic development has lead not only to destruction of delicate ecosystems, but in the end has contributed to volatile economic cycles and economic damage from natural disasters. Information technology is both a contributor and a potential solution to the challenges of managing sustainable development. Better decision support for public policy planners, businesses and consumers can lead to better long-term decisions. Examples are numerous and include inefficiencies in power systems which can be identified by data mining tools and solutions which can be generated by optimization. Virtualization, used properly, can reduce the carbon footprint of existing information systems. Understanding the economic and environmental impact of information systems, can lead to greater sustainable adoption, use, and retirement of information systems and technologies.

Since it is a workshop, WITS actively solicits papers describing novel research ideas that may be at a relatively early stage of development. Research topics of interest include, but are not limited to:

- Agent-based Systems
- Agile System Development
- Cloud Computing
- Collaboration and Recommender Systems
- Computational Ontology
- Conceptual Modeling
- Databases and Information Integration
- Data, Text and Web Mining
- Data Warehousing & OLAP
- E-Business and E-Commerce
- Enterprise Resource Planning
- Enterprise Application Integration
- Enterprise Systems and Architecture
- Green IT
- Grid Computing
- Healthcare Information Systems and Technology
- Human-Computer Interface
- Information Personalization Technology
- Information Quality, Privacy, and Security
- Intellectual Property Protection
- Intelligent Systems and Technologies
- Knowledge Management Technologies
- Mobile Commerce and Wireless Technologies
- Multi-Media Computing
- Peer-to-peer Technologies
- Process management and mining
- Recommender Systems
- Resource and organizational modeling
- Search Engines
- Security techniques for information systems
- Semantic Web
- Service-Oriented Architecture and Web Services
- Supply Chains and IT Systems Analysis and Design
- Systems to Support Collaboration & Negotiation
- IT Infrastructure for Evolving Business Models
- Virtualization
- Web-Based Information Systems
- Workflow Management Systems
SUBMISSION INSTRUCTIONS
Submitted research papers are limited to 6 single-spaced, Times New Roman, 12-point font, 8.5" by 11" pages (including tables, figures, and references and 1" margins on all sides). All submissions will be subject to double blind review. Selection for presentation at the workshop and publication in the proceedings will be based on originality, contribution to the field, and workshop interest.

Research paper submissions must be sent in electronic form using the WITS 2012 submission system (https://www.easychair.org/conferences/?conf=wits2012). The electronic submission system, as well as instructions, will be available in July 2012.

Research prototypes, and instructional technology submissions should be sent directly to the prototype demo chair, Kaushik Dutta (duttak@nus.edu.sg). Prototype submissions should include links to any associated software or demo. We will accept instructional technology submissions that emphasize innovative use of IT in the classroom as well as innovations in teaching IS/IT topics. All accepted prototypes and instructional technology papers will be presented as posters during the workshop.

PANEL ORGANIZATION
In the last two decades many new business ventures related to information technology have launched. Many of the innovative ideas in IS research, including sustainability-related topics, have the potential to start new businesses. The panel’s charge is to discuss entrepreneurship opportunities in converting IS research to viable businesses.

We welcome additional panel proposals. Please submit your panel proposals directly to the program co-chairs.

JOURNAL PUBLICATION OPPORTUNITY
Authors of selected workshop papers and research prototypes will be invited to submit complete versions of their research for review and possible publication in a special issue of ACM Transactions on Management Information Systems (ACM TMIS, http://tmis.acm.org/). We will invite papers for the review of this special issue.

IMPORTANT DATES
Deadline for paper submissions: August 1, 2012
Notification of paper acceptance: September 26, 2012
Prototype and panel submission: October 10, 2012
Notification of prototype and panel: October 24, 2012
Camera-ready copy due: October 24, 2012

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