



**CALL FOR PAPERS**  
**FIFTEENTH WORKSHOP ON INFORMATION TECHNOLOGIES AND SYSTEMS (WITS'05)**  
**DECEMBER 10–11, 2005, LAS VEGAS**  
<http://wits2005.ecom.arizona.edu/>

The **Fifteenth Annual Workshop on Information Technologies and Systems (WITS'05)** will be held in Las Vegas, Nevada, USA, on December 10–11, 2005, just prior to the International Conference on Information Systems. 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 technology and systems. These issues have become increasingly important as the corporate world evolves toward service-oriented computing that can support business on demand, enabled by the emergence of web services, agent technologies, wireless computing, e-commerce standards, P2P technologies, the business web, among other technologies. The theme for WITS'05 is **Service-Oriented Computing: Challenges and Solutions**, and we especially encourage papers that deal with service-oriented computing issues and problems.

### TOPICS

We solicit condensed research papers addressing issues concerning the theory, design, development, evaluation, and application of advanced information and communication technologies and systems. Papers presenting techniques without demonstration of how they can be applied in the IS/IT context are not encouraged. **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 include, but are not limited to:

Agent-based Systems and Autonomous Computing	Information Personalization Technology
Authentication and Trust	Information Security
Collaboration Systems	Intellectual Property, Privacy, and Assurance
Conceptual Modeling	Intelligent/Expert Systems
Data Warehouse, Data Mining and Knowledge Discovery	IT Applications such as CRM and SCM
Database Modeling, Technology and Systems	Knowledge Management Technologies
Distributed Computing	Mobile Commerce and Wireless Technologies
Economics-Based Systems Design	Service-Oriented Computing
Emerging Technologies	Software Engineering
Enterprise Systems and Architectures	Systems Analysis and Design
Heterogeneous data bases and information integration	Web-Based Information Systems
Human-Computer Interaction	Web Content Management
Information Quality	Workflow Technologies and Systems

### RESEARCH PROTOTYPE DEMONSTRATIONS

Research prototypes provide an opportunity to showcase new research ideas and emerging technological solutions. We encourage submissions that describe the purpose and functions of the prototype system in one page using the same typesetting as research papers given below. Please email your submission to the prototype coordinator.

### 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 reviewed double blind. Selection for presentation at the workshop and publication in the proceedings will be based on originality, contribution to the field, and workshop interest. An important criterion in evaluating the submission is the preference for a problem-driven approach. Authors of selected research papers will be invited to submit complete versions of their work for possible journal publication after the workshop. Selected papers from past WITS workshops have been published in special issues of *INFORMS Journal on Computing*, *Decision Support Systems*, and *Information Technology and Management*. **Submissions must be sent in electronic form using the WITS'05 Submission system. Detailed instructions are provided at <http://wits2005.ecom.arizona.edu>.**

### IMPORTANT DATES

**Deadline for abstract submissions:** ..... **August 8, 2005**  
**Deadline for paper submissions:** ..... **August 15, 2005**  
**Notification of acceptance:** ..... **September 26, 2005**  
**Camera-ready copy due:** ..... **October 17, 2005**

### WORKSHOP & PROGRAM CO-CHAIRS

<b>Kar Yan Tam</b> School of Management Hong Kong Univ. of Sci. & Tech. Clear Water Bay, Kowloon, Hong Kong Email: <a href="mailto:kytam@ust.hk">kytam@ust.hk</a>	<b>J. Leon Zhao</b> Eller College of Management University of Arizona Tucson, AZ 85721, USA Email: <a href="mailto:lzhao@eller.arizona.edu">lzhao@eller.arizona.edu</a>
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### LOCAL ARRANGEMENTS CHAIR

**Taedong Han**  
College of Business  
University of Nevada  
Las Vegas, NV 89154, USA  
Email: [than@nevada.edu](mailto:than@nevada.edu)

**PROTOTYPE COORDINATOR:** Daniel Zeng, Eller College, University of Arizona, Tucson, AZ 85721, [zeng@eller.arizona.edu](mailto:zeng@eller.arizona.edu)

### PROGRAM LIAISONS

**Europe:** Wil van der Aalst (Eindhoven University of Technology) and Abraham Bernstein (University of Zürich)  
**Asia:** Guoqing Chen (Tsinghua University, Beijing, China), Jay Kyu Lee (KAIST, Korea), and Qing Li (City University of Hong Kong)  
**Latin America:** Paulo Goes (University of Connecticut)

*Program Committee List will be available at:* <http://wits2005.ecom.arizona.edu/>