



ACM IMCOM (ICUIMC) 2014



SIGAPP

The 8th International Conference on Ubiquitous Information Management and Communication

January 9~11, 2014

Siem Reap, Cambodia

<http://www.imcom.org>, www.icuimc.org



Scopus and EI indexed



Selected papers presented at the conference will be published after further improvement and revision at two SCI and three SCIE journals



General Information

This conference explores emerging interests and novel ideas in the area of information management, communication technologies and their implication of social interaction. The aim of the Eighth International Conference on Ubiquitous Information Management and Communication (Information Management and Communication) is to provide a forum promoting new visionary approaches and interdisciplinary researches. The conference brings researchers together from academia and industry, encourages the exchanges of ideas and information, and provides a unique opportunity in which both technology and social science meet. Two main tracks for information processing management and communication will be held, covering both research and application works of information management, intelligent information processing, interaction management, networking/telecommunications, and social interaction. Each of these topic areas is expanded below but their sub-topics are not listed exhaustively:

Information Processing Management

Information Management

- ✓ Internet search
- ✓ Portals / UCC management
- ✓ Online communities
- ✓ Databases / XML / Data mining
- ✓ Information integration
- ✓ Information personalization
- ✓ Security

Intelligent Information Processing

- ✓ Machine learning / Machine vision
- ✓ Context-awareness
- ✓ Autonomous computing
- ✓ Natural language processing
- ✓ Affective computing
- ✓ Human-robot interaction / Cognitive robotics
- ✓ Pattern recognition
- ✓ Expert system / AI

Interaction Management

- ✓ Interaction systems / Multimodal interaction
- ✓ Virtual reality / Game
- ✓ Augmented cognition
- ✓ Multimedia visualization
- ✓ Speech recognition, Graphics and imaging
- ✓ Face recognition
- ✓ Pervasive computing
- ✓ Biometrics

Communications

Networking/Telecommunications

- ✓ Ubiquitous computing / Mobile computing/Mobile networks
- ✓ Wireless BAN/PAN/LAN / Home networks
- ✓ Wireless mesh networks
- ✓ Sensor networks / Ad hoc network
- ✓ Mobile multimedia QoS
- ✓ Mobile security / RFID
- ✓ Grid and cloud computing
- ✓ Traffic engineering / Path computation
- ✓ Agents and distributed computing
- ✓ Middleware and peer-to-peer computing

Social Interaction

- ✓ Social computing / Informatics / Social web
- ✓ New communication media / Virtual communication design
- ✓ Edutainment, Infotainment / E-learning
- ✓ Mobile interaction
- ✓ Cyberpsychology / Engineering psychology
- ✓ Cognitive Modelling, Architecture, Design
- ✓ User modeling
- ✓ Human-computer interaction / Digital human
- ✓ Usability / User Experience

Important Dates

Paper submission due: August 28, 2013
 Paper acceptance notice: October 7, 2013
 Camera-ready papers due: October 21, 2013

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Submission Guidelines

• **Regular Papers/Short Papers:** Camera-ready papers should not be longer than 8/4 pages, respectively. Accepted papers will be categorized into oral paper or poster paper. Both are included in ACM Digital Library and considered for Journal recommendation. For guidelines on paper submissions, please refer to <http://www.imcom.org> or <http://www.icuimc.org>.

Venue

• **Conference Site:** Siem Reap, Cambodia



Apsara Dance

An Apsara is a female spirit of the clouds and waters in Hindu and Buddhist mythology. Apsaras are beautiful, supernatural female beings. They are youthful and elegant, and superb in the art of dancing.



Angkor Wat Landscape

Angkor Wat is the largest Hindu temple complex and the largest religious monument in the world. The temple was built by a king Suryavarman II in the early 12th century in Yasodharapura, the capital of the Khmer Empire, as his state temple and eventual mausoleum.



Angkor Wat

As the best-preserved temple at the site, it is the only one to have remained a significant religious center since its foundation. The temple is at the top of the high classical style of Khmer architecture. It has become a symbol of Cambodia



Tonle Sap Lake and Floating Village

The Tonle Sap is the largest permanent freshwater lake in the South East Asia. A boat trip on the Tonle Sap is a pleasant break and gives you a chance to see the floating village where fishermen and their families live on the water.