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SIGAPP

The 7th International Conference on Ubiquitous Information Management and Communication

ACM ICUIMC (IMCOM) 2013

January 17-19, 2013, Kota Kinabalu, Malaysia

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



International sponsored by SIGAPP



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 Seventh 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: September 16, 2012
 Paper acceptance notice: November 05, 2012
 Camera-ready papers due: November 18, 2012

Conference Chairs

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Submission Guidelines

- **Regular Papers:** Camera-ready papers should not be longer than 10 pages.
 - **Short Papers:** Camera-ready papers should not be longer than 5 pages.
- For guidelines on paper submissions, please refer to <http://www.icuimc.org> or www.imcom.org

Venue

- **Conference Site:** Kota Kinabalu, Malaysia



Sabah State Museum

The Museum is sited on 17 ha at Bukit Istana Lama in Kota Kinabalu. The complex contains not only the museum exhibits, but also an ethno-botanical garden, a zoo, and a heritage village.



Tunku Abdul Rahman Marine Park

The marine park is a cluster of five islands, only 10-20 minutes speedboat ride from city of Kota Kinabalu. The islands are characterized by shallow, waters, sumptuous coral gardens, and all boast splendid white sandy beaches.



Kinabalu Park

Kinabalu Park which cover an area of 754 sq km was gazetted a park in 1964. Its main feature is Mount Kinabalu (4,095.2 m), the highest mountain between the Himalayas and New Guinea.



Tun Mustapha Tower

The 30-storey (122 m) building is one of only four hanging structures in the world with a glass facade. It is the only building in Asia with the unique 72-side polygon, column-free floors. The colors are changed throughout the day, depending on clouds, sun, and even sky.