



# ACM IMCOM 2018


**SIGAPP**

# 12

International Conference on Ubiquitous Information Management and Communication  
January 5~7, 2018



Langkawi, Malaysia

<http://www.imcom.org>



The conference proceedings are Scopus and EI indexed. **Selected papers** presented at the conference will be published after further improvement and revision at Special Issues in IEEE Access, WCMC, Oxford The Computer Journal, IEEE Transactions on Emerging Topics in Computing, IET Intelligent Transport Systems, along with 5 other SCI/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 12<sup>th</sup> International Conference on Ubiquitous Information Management and Communication (Information Management and Communication) is to provide a forum promoting new visionary approaches and interdisciplinary researches. Each of these topic areas is expanded below but their sub-topics are not listed exhaustively:

## Information Processing Management

### Information Management

- ✓ Internet search/ Security
- ✓ Portals / UCC management
- ✓ Online communities
- ✓ Databases / XML / Data mining
- ✓ Information integration
- ✓ Information personalization
- ✓ O2O, W2W, B2B, and B2C

### 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
- ✓ AR/VR/Game
- ✓ Human-drone interaction
- ✓ Multimedia visualization
- ✓ Speech recognition and graphics
- ✓ Face recognition
- ✓ Pervasive computing
- ✓ Biometrics

## Communications

### Networking/Telecommunications

- ✓ Ubiquitous and mobile computing
- ✓ Wireless BAN/PAN/LAN/Mesh
- ✓ Sensor networks / Ad hoc network
- ✓ Mobile multimedia QoS
- ✓ IoT software platform
- ✓ Grid and cloud computing
- ✓ SDN/NFV/Openflow
- ✓ Container networking
- ✓ Middleware and P2P 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 15, 2017 (Extended)  
Paper acceptance notice: October 15, 2017  
Paper registration due: October 31, 2017  
Camera-ready papers due: November 30, 2017

## Submission Guidelines

• **Regular Papers/Short Papers:** Camera-ready version of regular and short papers should not be longer than 8 and 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>

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## Sightseeing of Langkawi, Malaysia



Mangrove



Bird Paradise Wildlife Park



Rebak Island Resort



Sky bridge



Skycab



Waterfall



Langkawi Dataibay



Snorkeling



Mangrove tour