



IMCOM 2026



20

International Conference on Ubiquitous Information Management and Communication

January 04-06, 2026

Hanoi, Vietnam (Offline and Online)

<http://www.imcom.org>

The conference proceedings are Scopus and EI indexed. Accepted papers will be submitted for possible inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements. 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 will constitute a forum for the presentation and discussion of the latest results in the fields of information management, communication technologies and their implications on social interaction. The aim of such a forum, as an international conference, is conducive for encouraging the exchange of ideas and information, providing research directions in cutting-edge domains, and fostering collaborations between academia and industry. In this context, the program committee will accept a limited number of papers that meet the criteria of originality and presentation quality.

Two main tracks for information processing management and communication technologies will be held, covering both research and applicability aspects. Each of these topic areas is expanded below but their sub-topics are not listed exhaustively.

### Information Processing Management

#### Information Management

- ✓ Internet search/ Security/ Privacy
- ✓ Portals/ UCC management/ Social media management
- ✓ Online communities/ Social networks
- ✓ Databases/ XML/ Data mining/ Big data
- ✓ Information integration/ Data warehousing
- ✓ Information personalization/ Recommendation systems
- ✓ O2O/ W2W/ B2B and B2C
- ✓ E-commerce and m-commerce

#### Intelligent Information Processing

- ✓ Machine learning/ Deep learning
- ✓ Computer vision/ Generative AI
- ✓ Situational awareness/ Contextual Intelligence
- ✓ Autonomous computing/ Self-adaptive systems
- ✓ Natural language processing/ Conversational AI
- ✓ Interactive intelligence/ Sentiment analysis
- ✓ Cognitive AI and robotics
- ✓ Pattern recognition
- ✓ Expert system/ Knowledge graphs

#### Interaction Management

- ✓ Interaction systems/ Multimodal interaction
- ✓ Augmented reality/ Virtual reality / Gaming
- ✓ Human-drone interaction/ Robotics
- ✓ Multimedia visualization/ Computer graphics
- ✓ Speech recognition and synthesis
- ✓ Facial recognition/ Emotion detection
- ✓ Pervasive computing/ Ambient intelligence
- ✓ Biometrics/ Wearables/ Sensor technology

### Communications

#### Networking/ Telecommunications

- ✓ NextGen network protocols
- ✓ AI communications and networking
- ✓ Intelligent cross-layer optimization
- ✓ Reliability and quality assurance
- ✓ Industrial/ Healthcare/ Environmental IoT
- ✓ Cloud/ Edge/ Fog computing and services
- ✓ Deterministic/ Time-sensitive networking
- ✓ Network softwarization technologies
- ✓ Zero-touch orchestration
- ✓ Energy harvesting and green networking

#### Social Interaction

- ✓ Social computing/ Informatics/ Social web
- ✓ Virtual reality/ Augmented reality/ Mixed reality
- ✓ Gamification/ Serious games/ Game design
- ✓ Mobile Interaction/ Mobile apps/ Wearable technology
- ✓ Cyberpsychology/ Engineering psychology
- ✓ Computational modeling/ Computational thinking/ Computational creativity
- ✓ Personalization/ User profiling
- ✓ Human-robot interaction/ Robot ethics/ Robot design
- ✓ User-centered design/ User research/ Design thinking

### Important Dates

Paper submission due: October 15, 2025 (second round)

Paper acceptance notice: November 20, 2025

Paper registration due: November 30, 2025

Camera-ready papers due: November 30, 2025

### Submission Guidelines

**Regular Papers/Short Papers:** Camera-ready version of regular and short papers should not be longer than 8 and 4 pages in IEEE proceedings format, respectively. Accepted papers will be categorized into oral paper or poster paper. Both will be submitted for inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements and considered for Journal recommendation. For guidelines on paper submissions, please refer to <http://www.imcom.org>

### Organizing Committee

**General Co-Chairs:** Sukhan Lee, *Sungkyunkwan University, Korea*

Roslan Ismail, *Universiti Kuala Lumpur, Malaysia*

**PC Co-Chairs:** Dongsoo S. Kim, *Purdue University, USA*

Taketoshi Ushiyama, *Kyushu University, Japan*

Duc-Tai Le, *Sungkyunkwan University, Korea*

**Advisory Co-Chairs:** Adrian Stoica, *NASA Jet Propulsion Laboratory, USA*

Saeid Nahavandi, *Swinburne University of Technology, Australia*

Sajal K. Das, *Missouri University of Science and Technology, Rolla, USA*

Susanto Rahardja, *Northwestern Polytechnical University, China*

Zalifah Awang Long, *Universiti Kuala Lumpur, Malaysia*

Jin Hyung Kim, *AIRI, Korea*

Toyohide Watanabe, *Nagoya Industrial Science Research Institute, Japan*

Yoshifumi Masunaga, *Ochanomizu University, Japan*

Mozafar Saadat, *University of Birmingham, United Kingdom*

Mehrdad Saif, *University of Windsor, Canada*

**Keynote Speaker Chair:** Masato Oguchi, *Ochanomizu University, Japan*

**Publicity Co-Chairs:** Shafiza Mohd Shariff, *Universiti Kuala Lumpur, Malaysia*

Eunil Park, *Hanyang University, Korea*

Shangguang Wang, *Beijing University of Posts and Telecommunications*

**Poster Co-Chairs:** Gary Geunbae Lee, *POSTECH, Korea*

Suriana Ismail, *Universiti Kuala Lumpur, Malaysia*

KC Keecheon Kim, *Konkuk University, Korea*

**Registration Co-Chairs:** Eui-Nam Huh, *Kyung Hee University, Korea*

Van Vi Vo, *Sungkyunkwan University, Korea*

Tien-Dung Nguyen, *Hanoi University of Science and Technology, Vietnam*

Sang Yep Nam, *Kookje University, Korea*

**Local Arrangements Co-Chairs:** Chao-Kai Wen, *National Sun Yat-sen University, Taiwan*

Samratul Janin Sidal, *Universiti Kuala Lumpur, Malaysia*

**Treasurer & Conference Operation Co-Chairs:** Hyounghick Kim, *Sungkyunkwan University, Korea*

Kim De Silva, *Universiti Kuala Lumpur, Malaysia*

Hyunseung Choo, *Sungkyunkwan University, Korea*

Syed M. Raza, *University of Glasgow, UK*

**Sponsorship Chair:** Suhaili Din, *Universiti Kuala Lumpur, Malaysia*

**Special Session Chair:** Vyacheslav Zalyubovskiy, *Sobolev Institute of Mathematics, Russia*

**Partner University Co-Chairs:** Xiaofeng Gao, *Shanghai Jiao Tong University, China*

Jun Feng, *Hohai University, China*

Mohd Nizam Husen, *Universiti Kuala Lumpur, Malaysia*

**Journal Co-Chairs:** Minho Jo, *Korea University, Korea*

Dong In Kim, *Sungkyunkwan University, Korea*

Sungyoung Lee, *Kyung Hee University, Korea*