



ACM IMCOM (ICUIMC) 2014


SIGAPP
The 8th International Conference on Ubiquitous Information Management and Communication
January 9~11, 2014

Sofitel Angkor Phokeethra Golf & Spa Resort, 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: September 11, 2013
 Paper acceptance notice: October 7, 2013
 Camera-ready papers due: October 21, 2013



Organizing Committee

General Co-Chairs: Suk-Han Lee, Sungkyunkwan University, Korea **Lajos Hanzo**, University of Southampton, UK **Roslan Ismail**, Universiti Kuala Lumpur, Malaysia

PC Co-Chairs: Dongsoo S. Kim, Indiana University, USA **Sang-Wook Kim**, Hanyang University, Korea

Advisory Co-Chairs: Sajal K. Das, University of Texas at Arlington, USA **Susanto Rahardja**, Institute for Infocomm Research, Singapore
Zalilah Awang Long, Universiti Kuala Lumpur, Malaysia

Keynote Speaker Co-Chairs: Masato Oguchi, Ochanomizu University, Japan

Publicity Co-Chairs: Toyohide Watanabe, Nagoya University, Japan **Munaisyah Abdullah**, Universiti Kuala Lumpur, Malaysia
Zhenhua Duan, Xidian University, China **Wei Yao**, Institute for Infocomm Research, Singapore

Poster Chair: Gary Geunbae Lee, POSTECH, Korea

Registration Chair: Eui-Nam Huh, Kyung Hee University, Korea

Local Arrangements Co-Chairs: Hamidon Katan, Universiti Kuala Lumpur, Malaysia

KC Keecheon Kim, Konkuk University, Korea

Sayani Puteh, Amna Saad, Jessifa Joanna Mohd Supian, Universiti Kuala Lumpur, Malaysia

Azliana Mohamed, Universiti Kuala Lumpur, Malaysia

Treasurer & Conference Operation Co-Chairs: Hyunseung Choo, Sungkyunkwan University, Korea

Sponsorship Chair: Megat Norulazmi Megat Mohamed Noor, Megat Farez Azril Zuhairi, Universiti Kuala Lumpur, Malaysia

Event Co-Chairs: Kim De Silva, Suhaili Din, Universiti Kuala Lumpur, Malaysia

Special Session Co-Chairs: Vyacheslav Zalyubovskiy, Sobolev Institute of Mathematics, Russia **Lekha Chaisorn**, National University of Singapore, Singapore

Partner University Co-Chairs: Hyeran Byun, Yonsei University, Korea **Jae-Hyun Kim**, Ajou University, Korea **Sungyoung Lee**, Kyung Hee University, Korea

Journal Co-Chairs: Minho Jo, Korea University, Korea **Dong In Kim**, Sungkyunkwan University, Korea **Eduard Babulak**, Sungkyunkwan University, Korea

Program Committee

Nazim Agoulmine	University of Evry, France	Tae-Jin Lee	Sungkyunkwan University, Korea
Nilanjan Banerjee	IBM, India	Wonjun Lee	Korea University, Korea
Frank Biocca	Syracuse University, USA	Masahiro Mambo	Kanazawa University, Japan
Jit Biswas	National University of Singapore, Singapore	Yoshifumi Masunaga	Aoyama Gakuin University, Japan
Mainak Chatterjee	University of Central Florida, USA	Manki Min	South Dakota State University, USA
Asmatullah Chaudhry	PINSTECH, Pakistan	Tutomu Murase	NEC Corporation, Japan
Kwang-Chen Chen	National Taiwan University, Taiwan	Shahrulniza Musa	Universiti Kuala Lumpur, Malaysia
Hwan-Gue Cho	Pusan National University, Korea	Matt W. Mutka	Michigan State University, USA
Kwangsuo Cho	University of Missouri, USA	In Seop Na	Chonnam National University, Korea
Seong Je Cho	Dankook University, Korea	Sang Yep Nam	Kookje University, Korea
Sung-Bae Cho	Yonsei University, Korea	Huu Thanh Nguyen	Hanoi University of Technology, Vietnam
Hyung Jin Choi	Sungkyunkwan University, Korea	Van Duc Nguyen	Hanoi University of Technology, Vietnam
Jongmoo Choi	Dankook University, Korea	Pavan S. Nuggehalli	Indian Institute of Technology, India
Seongsook Choi	University of Warwick, UK	Seong-Keun Oh	Ajou University, Korea
Wook Choi	Samsung Electronics, Korea	Yasuo Okabe	Kyoto University, Japan
Tran Khanh Dang	Ho Chi Minh University of Technology, Vietnam	Koji Okamura	Kyushu University, Japan
Alok K. Das	Jadavpur University, India	Cristina M. Pinotti	University of Perugia, Italy
Ding Zhu Du	University of Texas at Dallas, USA	Wenny Rahayu	La Trobe University, Australia
Young Ik Eom	Sungkyunkwan University, Korea	Alexey S. Rodionov	Siberian State University, Russia
Adil I. Erzin	Sobolev Institute of Mathematics, Russia	Kouichi Sakurai	Kyushu University, Japan
Sidney Fels	University of British Columbia, Canada	Aimin Sang	NEC Laboratory, USA
Angel Pascual Del Pobil Ferre	Jaume I University, Spain	Navrati Saxena	Sungkyunkwan University, Korea
Olivier Flauzac	Université de Reims Champagne-Ardenne, France	Winston Seah	Victoria University of Wellington, New Zealand
Xiaofeng Gao	Shanghai Jiao Tong University, China	Vladimir Shakhov	ICMMG SB RAS, Russia
Hwansoo Han	Sungkyunkwan University, Korea	Dong Hee Shin	Sungkyunkwan University, Korea
Hyoil Han	Marshall University, USA	Dong-Ryeol Shin	Sungkyunkwan University, Korea
Syed Faraz Hasan	Sungkyunkwan University, Korea	Jitae Shin	Towson University, USA
Choong Seon Hong	Kyung Hee University, Korea	Yeong-Tae Song	Keio University, Japan
Yoshiaki Hori	Kyushu University, Japan	Kazunori Sugiura	Pennsylvania State University, USA
Byeungwoo Jeon	Sungkyunkwan University, Korea	S. Shyam Sundar	KAIST, Korea
Jae Wook Jeon	Sungkyunkwan University, Korea	Dan-keun Sung	Ajou University, Korea
Beomjin Kim	Indiana -Purdue University at Fort Wayne, USA	Myung Hoon Sunwoo	Monash University, Australia
David Kim	North Carolina Central University, USA	David Taniar	Keio University, Japan
Jaehyou Kim	Sungkyunkwan University, Korea	Fumio Teraoka	Ho Chi Minh University of Technology, Vietnam
Jin Hyung Kim	KAIST, Korea	Nam Thoi	Tokyo University of Technology, Japan
Mihui Kim	Hankyong National University, Korea	Ryuya Uda	University of Toronto, Canada
Kazuhiko Kinoshita	Osaka University, Japan	Shahrokh Valaee	Kyoto Institute of Technology, Japan
C.-C. Jay Kuo	University of Southern California, USA	Koichiro Wakasugi	Peking University, China
Tei-Wei Kuo	National Taiwan University, Taiwan	Qianxiang Wang	Sungkyunkwan University, Korea
Ickjin Kwon	Ajou University, Korea	Dongho Won	National Kaohsiung Normal University, Taiwan
Soonil Kwon	Sejong University, Korea	Chung-Huang Yang	Gachon University, Korea
GueeSang Lee	Chonnam National University, Korea	Young Kyu Yang	Tokyo Institute of Technology, Japan
Jae Young Lee	Boston University, USA	Haruo Yokota	University of Alabama in Huntsville, USA
Jee-Hyong Lee	Sungkyunkwan University, Korea	Seong-Moo Yoo	Peking University, China
KangWoo Lee	Pusan National University, Korea	Jiangsheng Yu	Beihang University, China
Kun Chang Lee	Sungkyunkwan University, Korea	Cangzhou Yuan	Harbin Institute of Technology, China
Kwan Min Lee	University of Southern California, USA	Yan Zhang	Beijing Jiaotong University, China
Sang-goo Lee	Seoul National University, Korea	Huachun Zhou	

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> 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.