General Information of IJMUE

Bibliographic Information

- ISSN: 1975-0080
- Publisher: SERSC

Science & Engineering Research Support Center, Republic of Korea

Contact Information

Science & Engineering Research Support Center

- Head Office: Room 402, Man-Je Bld., 449-8, Ojung-Dong, Daedoek-Gu, Daejon, Korea
- Phone no.: +82-42-624-2265
- Fax no.: +82-42-624-2205
- Email: ijmue@sersc.org

Aims

Multimedia and Ubiquitous Computing is emerging rapidly as an exciting new paradigm to provide computing life services anytime, anywhere. Our Journal provides a chance for academic and industry professionals to discuss recent progress in the area of multimedia and ubiquitous environment including models and systems, new directions, novel applications associated with the utilization, and acceptance of ubiquitous computing devices and systems.

Journal Topics

Topics of relevance include but are not limited to the following areas. Excellent surveying works in these areas are welcome too.

- Multimedia Programming application
- Multimedia Information Security
- Internet application
- Multimedia database
- Home-network applications
- Multimedia software engineering
- Mobile/Wireless Computing & Applications
• Fuzzy neural networks
• Distance education solution
• Neural Network Models and Algorithms
• Learning and Content Management Systems
• Telemedicine system solution
• Middleware Design Techniques
• Data Mining, Knowledge Discovery, Artificial Intelligence
• Industrial Applications of Computer Graphics
• Web-Based Cooperative Work
• e-business and other applications
• Intelligence Service
• Object-Oriented Techniques
• U-business and other applications
• Context awareness Model for Ubiquitous Service
• Ubiquitous Sensor Network / RFID security
• Ubiquitous Multimedia Security (DRM, IPMP)
• Key management and authentication in Ubiquitous Environment
• Network security issues and protocols in Ubiquitous Environment
• Access Control in Ubiquitous Environment
• Security in U-commerce
• Commercial and industrial security
• IPv6, Forensics for Ubiquitous
• Embedded Systems and Infrastructure for Ubiquitous computing
• Use of Embedded Systems for Ubiquitous computing
• Embedded System Architecture
• Hardware/Software Co-design
• Simulation techniques for Embedded Systems
• Multimedia Systems
• Wireless Communication & Networks
• Human-computer interaction and multimedia Embedded Systems
• Modeling issues and case studies
• Industrial IT applications
• Other IT applications

Editors-in-Chief

• **Prof. Laurence T. Yang**
  Department of Computer Science,  
  St. Francis Xavier University  
  Antigonish, NS, B2G 2W5, Canada  
  lyang@stfx.ca

• **Prof. Seoksoo Kim**
  Department of Multimedia,  
  Hannam University  
  Ojeong-dong Daedeok-gu, Daejeon, Korea  
  sskim@hnu.kr

Co-Editor-in-Chief (Special Issue)

Associate Editors

**Embedded Systems**

**Meikang Qiu**
University of New Orleans, USA
Email: qiumeikang@yahoo.com

**Communications**

**Charalampos Z. Patrikakis**
National Technical University of Athens, Greece
Email: bpatr@telecom.ntua.gr

**Naixue Xiong**
Georgia State University, USA
Email: xiongunaixue@gmail.com
Multimedia
Shu-Ching Chen
Florida International University, USA
Email: chens@cs.fiu.edu

Mobile Computing, WSN
Miseo Denko
University of Guelph, Canada
Email: denko@cis.uoguelph.ca

Parallel and Distributed Systems
Geyong Min
University of Bradford, UK
Email: g.min@brad.ac.uk

Security
Sang-Soo Yeo
BT Works Co. Ltd., Korea
Email: ssyeo@msn.com

Ubi-Com and Context-awareness
Zhiwen Yu
Kyoto University, Japan
Email: yu@ccm.media.kyoto-u.ac.jp

P2P, Cluster, Grid Computing, RFID
Ching-Hsien Hsu
Chung Hua University, Taiwan
Email: robertchh@gmail.com

HCI and Intelligent System
Naveen K Chilamkurti
La Trobe University, Melbourne, Australia
Email: N.Chilamkurti@latrobe.edu.au

Editorial Board (EB)
Aboul Ella Hassanien (College of Business Administration, Kuwait)
Alicja Wieczorkowska (PJIIT, Poland)
Antonio Coronato (ICAR-CNR, Italy)
Arbib, Michael (University of Southern California, USA)
Ashesh Mahidadia (University of New South Wales, Australia)
Brian King (Purdue University, USA)
Byeongho Kang (University of Tasmania, Australia)
Chantana Chantrapornchai (Silpakorn University, Thailand)
Chengcui Zhang (University of Alabama at Birmingham, USA)
International Journal of Multimedia and Ubiquitous Engineering
Vol. 5, No. 2, April, 2010

Ching-Hsien Hsu (Chung Hua University, Taiwan)
Chris van Aart (Sogeti B.V, Netherlands)
D. Manivannan (University of Kentucky, USA)
DongSoong Han (JeonJu University, Korea)
Dongyong Lee (Myongji College, KOREA)
Gangssoo Lee (Hannam University, KOREA)
Gerald Schaefer (Aston University, UK)
Gilcheol Park (Hannam University, Korea)
Guojun Wang (Central South University, China)
Hai Jin (Huazhong University of Science and Technology, China)
Hakan Duman (British Telecom, UK)
Han-Chieh Chao (National Ilan University, Taiwan)
Hankyu Lim (Andong University, KOREA)
Hideyuki Suzuki (The University of Tokyo, Japan)
Ibrahim Mostafa Kamel (University of Sharjah, UAE)
IlSeok Ko (ChungBuk Provincial University, Korea)
Isao Tokuda (Japan AIST, JAPAN)
Ismail Khalil Ibrahim (Institute of Telecooperation, Austria)
James B. D. Joshi (University of Pittsburgh, USA)
Jason Sigfred (Surigao Sur Polytechnic State College, Philippines)
Javier Garcia-Villalba (Complutense University of Madrid, Spain)
Jemal H. Abawajy (Deakin University, AUSTRALIA)
Jiang (Leo) Li (Howard University, USA)
Jianmin Jiang (University of Bradford, UK)
JinKyung Ryeu (Dongyang University, Korea)
Jonghei Ra (Gwangju University, KOREA)
KaeEun Kim (Nam seoul University, Korea)
Khalil Drira (LAAS, Toulouse, France)
Kyung Seok Kim (Chungbuk National University, Korea)
Kyung-Tae Kim (Hannam University, KOREA)
Lukas Ruf (Swiss Federal Institute of Technology Zurich, Switzerland)
Malrey Lee (ChonBuk National University, Korea)
Masaharu Adachi (Tokyo Denki University, Japan)
Mehdi T Harandi (University of illinois AT Urbana Champaign, USA)
Pao-Ann Hsiung (National Chung Cheng University, Taiwan)
Paolo Bellavista (University of Bologna, Italy)
Paul P. Wang (Duke University, USA)
Phillip G. Bradford (University of Alabama, USA)
Rainer Malaka (European Media Lab in Heidelberg, Germany)
Ray R. Hashemi (Armastrong Atlantic State University, USA)
Reynato C. Arimbuyutan (College for R&T of Cabanautuan, Philliphine)
Rhandley D. Cajote (University of the Philippines, Philliphine)
Robert G. Rittenhouse (McMurry University, USA)
Rodrigo de Mello (University of Sao Paulo, Brazil)
Sang-hak Lee (National Computerization Agency, KOREA)
Scott Gordon (California State University, Sacramento, USA)
SeungJin Lim (Utah State University, USA)
Soolyul Oh (Mokpo University, KOREA)
Stanislav Kurkovsky (Central Connecticut State University, USA)
Sudhir Kumar Barai (Indian Institute of Technology, India)
Swapna Gokhale (University of Connecticut, USA)
Tai-hoon Kim (Hannam University, Korea)
Takahiro KAWAMURA (Toshiba Corp., Japan)
Tao Gong (Donghua University, China)
Thomas M. Gatton (National University, USA)
Timothy K. Shih (Tamkang University, Taiwan)
Tohru Ikekuchi (Saitama University, JAPAN)
Tony Shan (Bank of America, USA)
Winston Seah (Institute for Infocomm Research, Singapore)
WooYoung Soh (Hannam University, Korea)
Xun Yi (Victoria University, Australia)
Yiming Li (National Chiao Tung University, Taiwan)
Yong-Kee Jun (Gyeongsang National University, Korea)
Yuichi Sakumura (Nara Institute of Science and Technology, JAPAN)
Zhexuan Song (Fujitsu Labs, USA)
Changhoon Lee (CIST, Korea University, Korea)

Cover Design

- Feruza Sattarova Yusufzova (Hannam University, Korea)

Editorial Secretary

- Feruza Sattarova Yusufzova (Hannam University, Korea)