

Call for papers

System and Architectures, ISM 2015

Miami, Florida, December 14-16, 2015

<http://www.ieee-ism.org>

Area Co-chairs

Yonggang Wen, Nanyang Technological University, Singapore
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Ju Shen, Assistant Professor at the University of Dayton, USA
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Scope

The Systems and Architectures area will focus on topics related to the design and development of multimedia computing systems and applications. Topics for submission include, but are not limited to:

- Mobile Systems and Services
- Pervasive and interactive media systems including mobile systems, pervasive gaming, and digital TV
- Data in the Cloud
- GPU-based architectures and systems
- Software development using multimedia techniques
- Architectures for multimodal data
- Systems for multimedia search, retrieval, and management
- Multimedia cloud computing
- Multimedia big data
- Multimedia over ICN/NDN/CCN
- Cloud gaming
- QoS for multimedia computing systems
- Mobile multimedia systems and applications
- Human computer interface for multimedia systems and applications
- Social TV

Submission Guidelines

Please follow the guidelines on the SUBMISSIONS page of the conference website at <http://www.ieee-ism.org>

Short biography of co-chairs

Yonggang Wen

Yonggang Wen is an assistant professor with school of computer engineering at Nanyang Technological University, Singapore. He received his PhD degree in Electrical Engineering and Computer Science (minor in *Western Literature*) from Massachusetts Institute of Technology (MIT), Cambridge, USA. Previously he has worked in Cisco to lead product development in content delivery network, which had a revenue impact of 3 Billion US dollars globally. Dr. Wen has published over 110 papers in top journals and prestigious conferences. His work in *Multi-Screen Cloud Social TV* has been featured by global media (more than 1600 news articles from over 29 countries) and received ASEAN ICT Award 2013 (*Gold Medal*). His work on *Cloud3DView for Data Centre Life-Cycle Management*, as the only academia entry, has made into the Top 4 finalist on Data Centre Dynamics Awards 2014 – APAC. He has also received Best Paper Awards at IEEE WCSP 2014, IEEE Globecom 2013 and IEEE EUC 2012. He serves on editorial boards for IEEE Transactions on Multimedia, IEEE Transactions on Signal and Information

Processing over Networks, IEEE Access Journal and Elsevier Ad Hoc Networks, and was elected as the Chair for IEEE ComSoc Multimedia Communication Technical Committee (2014-2016). His research interests include cloud computing, green data center, big data analytics, multimedia network and mobile computing.

Ju Shen

Ju Shen is an Assistant Professor from the Department of Computer Science, University of Dayton (UD), Dayton, Ohio, USA. He received his Ph.D. degree from University of Kentucky, Lexington, KY, in USA and his M.Sc degree from University of Birmingham, Birmingham, United Kingdom. His research interests include computer vision, graphics, multimedia, and image processing. He was a co-chair for International workshop on WVN 2014. He was a co-organizer for special session at ICME 2015. He was the TPC member for IEEE ICME 2014, IEEE ICIP 2015.