Call for Papers for
Communication Software, Services, and Multimedia Application Symposium

Symposium Co-Chairs

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Submissions must be done through EDAS at http://edas.info/N21007

Scope and Motivations
The 2016 IEEE International Conference on Communications (ICC) will be held in Malaysia   from 23-27 May 2016. Communication Software, Services, and Multimedia Application Symposium will provide a very successful technical platform to present the state-of-the-art research work on the challenging issues related to the software design, deployment, delivering, and management of services and multimedia applications. Meanwhile, it will provide a very nice opportunity for the face-to-face discussion and information sharing among experts from both academia and industry.

Main Topics of Interest
The Communications Software, Services, and Multimedia Application Symposium covers challenges and advances for service delivery, management, and multimedia applications in fixed and mobile communication networks. The Symposium solicits original contributions in, but not limited to, the following topical areas:

- **Quality in services and multimedia applications**
  - Quality of Experience (QoE) modelling and metrics
  - Adoption of QoE metrics and models for assessment, control and management of multimedia services
  - Strategies of End-to-End QoE management
  - Quality-oriented routing algorithms
  - Video quality assessment and impairment concealment
  - Performance studies of digital media ecosystem
  - High quality service provisioning for multimedia applications

- **Multimedia systems and services**
  - Multimedia cloud services
  - Multimedia streaming, multicast and broadcast services
  - Web Services and distributed SW technology
  - IMS and multimedia services o Home and entertainment digital media ecosystem
  - IPTV service and home networking
  - Triple and Quadruple play services
  - 2P and P2P-SIP services
  - Distributed systems and applications, including Grid Services

- **Architecture for next generation services**
  - Architectures for digital media ecosystem: from producer to consumer
  - Software defined networking and network functions virtualization
  - Architecture of content generation and adaptation
  - Internet digital media ecosystem
  - Scalable and network-aware digital media solutions
  - Crowdsourcing services and platforms
  - Social networking services and platforms

- Home network services and platforms
- Everything-as-a-Service model and delivery platforms
- Scalable video delivery
- Cooperative networking for streaming media content
- Service overlay networks
- Convergence of communication and global services
- Communications software in vehicular communications
- Architectures for cooperative communications and ubiquitous computing

■ **Service management**
- Security and privacy in network and service management
- Scalability and reliability issues
- Charging, pricing, business models
- Context awareness and personalization
- Next generation services and emerging threats
- Cross-layer optimization for multimedia service support

Co-Chairs Biographies

Shingo Ata received M.E. and Ph.D. degrees in Informatics and Mathematical Science from Osaka University in 1998 and 2000, respectively. From 2003 to 2006, he was a Lecturer of Graduate School of Engineering at Osaka City University, and was an Associate Professor from 2006 to 2013. Currently he is a Professor of Graduate School of Engineering at Osaka City University. He is also the Director of Center for Information Initiative at Osaka City University since 2015. His research works include networking architecture, design of communication protocols, and performance modeling on communication networks. He is now a Secretary of IEEE ComSoc Technical Committee on Network Operations and Management. He served as a Local Arrangement Co-Chair in IEEE/IFIP NOMS 2010, Tutorial Co-Chair in IEEE/IFIP NOMS 2012, and Posters Co-Chair in IEEE/IFIP NOMS 2014. He also served as a TPC Co-chair in IFIP/IEEE IM 2015. He organized and served as a TPC Co-Chair of ICC 2012 RIDO Workshop. He also took important activities in APNOMS (Asia-Pacific Network Operations and Management Symposium) as TCP Co-Chair in 2007 and 2008, DEP Co-Chair in 2013, and General Co-chair in 2014. He served as a TPC member in many conferences including NOMS, IM, CNSM, GLOBECOM and ICC.

Fen Hou is an Assistant Professor in the Department of Electrical and Computer Engineering at the University of Macau. She received the Ph.D. degree in electrical and computer engineering from the University of Waterloo, Waterloo, Canada, in 2008. Her research interests include resource allocation and protocol design in vehicular sensor network and participatory sensor networks, QoS provisioning for multimedia communications in cognitive radio network and broadband wireless networks. She is the recipient of IEEE GLOBECOM Best Paper Award in 2010 and the Distinguished Service Award in IEEE MMTC in 2011. Dr. Fen Hou has served as a Co-Chair in ICCS 2014 Special Session on Economic Theory and Communication Networks, co-chair in INFOCOM 2014 Workshop on Green Cognitive Communications and Computing Networks (GCCCN), and co-chair in IEEE Globecom Workshop on Cloud Computing System, Networks, and Application (CCSNA) 2013 and 2014, respectively. She served as a technical program committee member for IEEE INFOCOM, WiOpt, ICC, WCNC, Globecom, etc.