Call for Papers
Signal Processing for Communications Symposium, ICNC 2014
Honolulu, USA, February 3-6, 2014
http://www.conf-icnc.org/2014/

Symposium Co-chairs

Xu Zhu, The University of Liverpool, UK
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Scope

The Signal Processing for Communications Symposium will focus on the topics related to the algorithmic, analytical, and implementation aspects within signal processing for communication systems. Of special interest are the design of new algorithms for communication systems, as well as performance analysis and implementation of communication modules and subsystems. To ensure complete coverage of the advances in signal processing technologies for current and future communication systems, the Signal Processing for Communications Symposium presents original contributions in, but not limited to, the following topical areas:

- Channel modelling, estimation, and equalization
- Adaptive antennas
- Space-time coding and processing
- Signal detection and synchronization
- Transmitter and receiver techniques
- Cognitive radio and software defined radio
- Modulation, coding, and diversity techniques
- Ultra-wideband (UWB) communications
- MIMO and multi-antenna communications
- OFDM and multi-carrier systems
- CDMA, TDMA, FDMA, LTE
- Speech, image and video signal processing
- Communications test-bed development
- Localization and position techniques
- Signal processing techniques for cooperative networks
- Signal processing techniques for power-line communications
- Sequence design methods for transmission, security, etc.
- Advanced signal processing modules for smart grid

Submission Guidelines

Please follow the author instructions at http://www.conf-icnc.org/2014/author.htm
Direct paper submission webpage of this symposium can be found at http://www.conf-icnc.org/2014/cfp.htm

Short biography of co-chairs

Xu Zhu
Dr. Xu Zhu received the BEng degree with first class honours from Huazhong University of Science and Technology, Wuhan, China, in 1999, and the PhD degree from the Hong Kong University of Science and

Technology, Hong Kong, in 2003. Since 2003, she has been with the University of Liverpool, where she is currently a Senior Lecturer. Dr. Zhu has an excellent track record of innovation in communications and signal processing, with over 100 peer reviewed publications in highly ranked international journals and conference proceedings. Dr. Zhu is a Senior Member of IEEE. She is an Associate Editor for the IEEE Transactions on Wireless Communications, and has served as a Guest Editor for a special issue of Computer Science and Information Systems in December 2012. She was Vice Chair of the 2006 and 2008 ICARN International Workshops, Program Chair of the ICSAI 2012, and Publication Chair of the IEEE IUCC-2012. Her research interests include MIMO, OFDM, UWB, equalization, blind source separation, cooperative communications, cognitive radio, cross-layer optimization, smart grid communications, green communications, etc.

Ali Tajer

Ali Tajer received the B.Sc. and M.Sc. degrees in Electrical Engineering from Sharif University of Technology, and the M.A. degree in Statistics and the Ph.D. degree in Electrical Engineering from Columbia University. During 2010-2012 he was a Postdoctoral Research Associate at Princeton University and an Adjunct Assistant Professor at Columbia University. Since August 2012 he has been an Assistant Professor of Electrical and Computer Engineering at Wayne State University. His research interests lie in the general areas of applied statistics, network information theory, statistical signal processing, and energy systems.