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Call for Papers for
Wireless Networking Symposium

Scope and Motivation:

This symposium is to serve as an international forum for experts from academia, industry, and government to exchange ideas and new results on research and development, as well as to promote and accelerate standardization, applications, and services of current and future wireless networks. This symposium invites participation from both academic and industry researchers working in the area of wireless networking technologies, services, architectures, and protocols. The overall goal is to present the latest snapshot of the ongoing research as well as to shed further light on future directions in this space. Authors are invited to submit papers presenting novel technical studies as well as broader position and vision papers comprising hypothetical/speculative scenarios.

Main Topics of Interest:

- Cellular systems, 2G/2.5G/3G/4G/5G and beyond
- LTE, WiMAX, WMAN, and other emerging broadband wireless networks
- WLAN, WPAN, and other home/personal networking technologies
- Pervasive and wearable computing and networking
- Underwater wireless networks
- Delay tolerant wireless networks
- Small cells and femtocell networks
- Wireless mesh networks
- Vehicular wireless networks
- mmWave wireless networks
- Free space optical networks
- Wireless cloud computing
- Inter-networking of wireless heterogeneous and multi-tier networks
- Reconfigurable wireless networks
- Novel architectural design and operation models
- Wireless multimedia networks
- Information-centric wireless networks
- Opportunistic wireless networks

- Green wireless networks
- Social wireless networks
- Internet of things
- End-to-end protocols, flow and congestion control
- Power management and energy conservation techniques
- User cooperation and incentive schemes
- Cross-layer design and optimization
- Fault-tolerance and traffic engineering
- Testbeds and deployment
- Standardization activities of emerging wireless technologies

Sponsoring Technical Committees:

- Ad Hoc & Sensor Networks (AHSN)
- Communications Systems Integration & Modeling (CSIM)
- Wireless Communications (WTC)

How to Submit a Paper:

The IEEE Globecom 2014 website provides full instructions on how to submit papers. You will select the desired symposium when submitting. **The paper submission deadline is April 1, 2014. Unlike recent ICC's and Globecom's, this is a hard deadline that will not be extended.**

Symposium Co-Chairs:

- Shiwen Mao, Auburn University, USA, smao2011@gmail.com
- Mohammed Atiquzzaman, The University of Oklahoma, USA, atiq@ou.edu
- Damla Turgut, University of Central Florida, USA, turgut@eecs.ucf.edu
- Phone Lin, National Taiwan University, Taiwan, plin@csie.ntu.edu.tw

Biographies:

Shiwen Mao received Ph.D. in electrical and computer engineering from Polytechnic University, Brooklyn, NY. Currently, he is the McWane Associate Professor in the Department of Electrical and Computer Engineering, Auburn University, Auburn, AL, USA. His research interests include cross-layer optimization of wireless net-works and multimedia communications, with current focus on cognitive radio, small cells, 60 GHz mmWave networks, free space optical networks, and smart grid. He is on the Editorial Board of IEEE Transactions on Wireless Communications, IEEE Internet of Things Journal, IEEE Communications Surveys and Tutorials, Elsevier Ad Hoc Networks Journal, and Wiley International Journal on Communication Systems. He received the 2013 IEEE ComSoc MMTC Outstanding Leadership Award and the NSF CAREER Award in 2010. He is a co-recipient of The IEEE ICC 2013 Best Paper Award and The 2004 IEEE Communications Society Leonard G. Abraham Prize in the Field of Communications Systems.

Mohammed Atiquzzaman obtained his M.S. and Ph.D. in Electrical Engineering and Electronics from the University of Manchester (UK). He currently holds the Edith Kinney Gaylord Presidential professorship in the School of Computer Science at the University of Oklahoma.

Dr. Atiquzzaman is the editor-in-chief of Journal of Networks and Computer Applications, and founding editor-in-chief of Vehicular Communications. He has served/serving on the editorial boards of IEEE Communications Magazine, International Journal on Wireless and Optical Communications, Real Time Imaging journal, Journal of Communication Systems, Communication Networks and Distributed Systems and Journal of Sensor Networks.

He has served as co-chair of IEEE High Performance Switching and Routing Symposium (2011 and 2003) and has served as symposium co-chairs for IEEE Globecom (2006, 2007) and IEEE ICC (2007, 2009, 2011, 2012) conferences. He was the panels co-chair of INFOCOM'05, and is/has been in the program committee of many conferences such as INFOCOM, ICCCN, and Local Computer Networks. He received awards from NASA, IEEE and IEE for his research contributions. He is the co-author of the book "Performance of TCP/IP over ATM networks" and has over 250 refereed publications, most of which can be accessed at www.cs.ou.edu/~atiq.

His research interests are in wireless and mobile networks, satellite networks, ad hoc network, etc. His research has been funded by National Science Foundation (NSF), National Aeronautics and Space Administration (NASA), U.S. Air Force, Cisco and Honeywell.

Damla Turgut is an Associate Professor in the Department of Electrical Engineering and Computer Science of University of Central Florida. She received her BS, MS, and PhD degrees from the Computer Science and Engineering Department of University of Texas at Arlington. Her research interests include ad hoc, vehicular ad hoc and sensor networks, with special focus on clustering, routing, MAC, and dissemination protocols as well as considerations of stealth and value of information. She is also interested in specific applications such as urban sensing, human mobility models, intruder tracking and underwater sensor networks. She serves on the editorial boards of IEEE TPDS, Elsevier Journal of Ad Hoc Networks. She is currently serving as

the TPC Chair for IEEE CCNC 2014 – Smart spaces and wireless networks symposium and IEEE LCN 2013. She received the 2011 College Excellence in Professional Service Award and she is also a co-recipient of IEEE ICC 2013 Best Paper Award.

Phone Lin is Professor in National Taiwan University, holding professorship in the Department of CSIE, Graduate Institute of Networking and Multimedia, Telecommunications Research Center, and Optoelectronic Biomedicine Center. Lin serves on the editorial boards of several journals such as IEEE Trans. on Vehicular Technology, IEEE Wireless Communications Magazine, and IEEE Internet of Things Journal. He has also been involved in several prestigious conferences, such as holding Symposium Co-Chair, the Wireless Networking Symposium, IEEE Globecom 2014. Lin has received numerous research awards such as Distinguished Electrical Engineering Professor Award of the Chinese Institute of Electrical Engineering in 2012, Junior Researcher Award of Academia Sinica in 2010, Ten Outstanding Young Persons Award of Taiwan in 2009, and Best Young Researcher of IEEE ComSoc Asia-Pacific Young Researcher Award in 2007. Lin is IEEE Senior Member and ACM Senior Member. He received his BSCSIE and Ph.D. degrees from National Chiao Tung University, Taiwan in 1996 and 2001, respectively.