

**Call for Papers**  
**Wireless Networks Symposium, ICNC 2015**  
Anaheim, California, USA, February 16-19, 2015  
<http://www.conf-icnc.org/2015>

**Symposium Co-chairs**

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**Scope**

The next generation of wireless networks is expected to encompass heterogeneous access technologies and an Internet backbone so as to provide bandwidth-intensive wireless services to both mobile and stationary users. The Wireless Networks Symposium at ICNC will focus on topics related to all aspects of wireless communications and networks spanning the PHY/MAC layer, Network layer, Transport layer, as well as cross-layer designs. The objective of this symposium is to serve as an international forum for experts from academia, industry and government to exchange ideas and results on research and development, and to promote and accelerate standardization and services of current and future wireless networks. This symposium presents original contributions in, but not limited to, the following topical areas:

- 4G and beyond wireless networks
- 60 GHz mm-wave networks
- Network capacity analysis
- Cognitive radio networks
- Cross-layer design and optimization□
- D2D communications
- Energy efficient wireless networking
- Femtocell/Picocell and small cell networks
- Flow control and congestion control
- Green wireless networking
- Integration of heterogeneous wireless networks
- Backhaul design for heterogeneous networks
- Measurement studies in wireless networks
- Medium access control
- Mobile cloud computing
- Mobility, handoff, and location management
- Multimedia communications over wireless networks

- Network architecture
- Network planning
- Optimization and theory for wireless networking
- Personal/Home/Neighborhood area networks
- QoS provisioning and Resource allocation in wireless networks
- Smart grid powered wireless networks
- Traffic modeling and management
- Testbed development and deployment
- Underwater networks
- Ultra-wideband networks
- Wireless ad-hoc and mesh networks
- Wireless local area networks
- Wireless personal area networks
- Wireless networking standards
- Wireless sensor networks

### **Submission Guidelines**

Please follow the author instructions at <http://www.conf-icnc.org/2015/author.htm>.

Direct paper submission link of this symposium can be found at <http://www.conf-icnc.org/2014/cfp.htm>.

### **Short biography of co-chairs**

#### **Yu Wang**

Yu Wang is an Associate Professor of computer science at the University of North Carolina at Charlotte. He received his Ph.D. degree in computer science from Illinois Institute of Technology in 2004, his B.Eng. degree and M.Eng. degree in computer science from Tsinghua University, China, in 1998 and 2000. His research interest includes wireless networks, ad hoc and sensor networks, delay tolerant networks, mobile computing, and algorithm design. He has served as general chair, program chair, program committee member, etc. for several international conferences (such as IEEE IPCCC, IEEE INFOCOM, ACM MobiHoc, IEEE GLOBECOM, IEEE ICC, IEEE MASS, etc.). He is a recipient of Ralph E. Powe Junior Faculty Enhancement Awards from Oak Ridge Associated Universities in 2006 and a recipient of Outstanding Faculty Research Award from College of Computing and Informatics at UNC Charlotte in 2008. He won Best Paper Awards from IEEE HICSS-35, IEEE MASS 2013, and IEEE IPCCC 2013. He is a senior member of the ACM, IEEE, and IEEE Communications Society and currently chairs the Communication Chapter at IEEE Charlotte Section.

#### **Lingyang Song**

Lingyang Song received his PhD from the University of York, UK, in 2007, where he received the K. M. Stott Prize for excellent research. He worked as a postdoctoral research fellow at the University of Oslo, Norway, and Harvard University, until rejoining Philips Research UK in March 2008. In May 2009, he joined the School of

Electronics Engineering and Computer Science, Peking University, China, as a full professor. His main research interests include cooperative and cognitive communications, physical layer security, and mobile social networks. He is co-inventor of a number of patents (standard contributions), and published extensively, and received five best paper awards in IEEE International Conferences. He is currently on the editorial board of IEEE Transactions on Wireless Communications and IET Communications. He is the recipient of 2012 IEEE Asia Pacific (AP) Young Researcher Award, and 2012 NSFC Outstanding Young Investigator Award. He is a senior member of IEEE. He served as the TPC co-chairs for the International Conference on Ubiquitous and Future Networks (ICUFN 2010 and 2011), symposium co-chairs in the International Wireless Communications and Mobile Computing Conference (IWCMC 2009 and 2010), IEEE International Conference on Communication Technology (ICCT 2011), and IEEE International Conference on Communications (ICC 2014).

**Walid Saad** (S'07, M'10) received his B.E. degree in computer and communications engineering from Lebanese University in 2004, his M.E. in Computer and Communications Engineering from the American University of Beirut (AUB), Lebanon, in 2007, and his Ph.D degree from the University of Oslo, Norway, in 2010. Currently, he is an Assistant Professor at the Electrical and Computer Engineering Department at the University of Miami, Coral Gables, FL, USA. Prior to joining UM, he has held several research positions at institutions such as Princeton University and the University of Illinois at Urbana-Champaign. His research interests include wireless and small cell networks, game theory, network science, cognitive radio, wireless security, smart grids, and selforganizing networks. He has co-authored one book and over 85 international conference and journal publications in these areas. In 2013, Dr. Saad received the NSF CAREER award for his research on self-organizing wireless systems. He was the author/co-author of the papers that received the Best Paper Award at the 7th International Symposium on Modeling and Optimization in Mobile, Ad Hoc and Wireless Networks (WiOpt), in June 2009, at the 5th International Conference on Internet Monitoring and Protection (ICIMP) in May 2010, and at IEEE WCNC in 2012. Dr. Saad is a recipient of several awards from the University of Miami that include the Provost Research Award (2011 and 2013) and the Eliahu I. Jury Award for early career researcher in 2013.