

**Call for papers for
*Mobile and Wireless Networks Symposium (MWN)***

Symposium Track Co-Chairs

Mohammed Atiqzamam	University of Oklahoma, USA
Mehdi Bennis	University of Oulu, Finland
Jalel Ben-Othman	University of Paris 13, France
Shaowei Wang	Nanjing University, China

Submissions must be done through EDAS at: <https://edas.info/newPaper.php?c=22641&track=81056>
The paper submission deadline is October 14, 2016.

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 mobile and wireless networks. The 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 ongoing research as well as to shed further light on future directions in this space.

Main Topics of Interest

Authors are invited to submit papers presenting novel technical studies as well as broader position and vision papers comprising hypothetical/speculative scenarios covering mobility and wireless issues related to the following topics:

- Cellular systems, 2G/2.5G/3G/4G/5G and beyond
- Cognitive radio networks, dynamic spectrum access and emerging applications and services
- Cross-layer design and optimization
- Delay tolerant wireless networks
- End-to-end protocols, flow and congestion control
- Fault-tolerance and traffic engineering
- Free space optical networks
- Green wireless networks
- Heterogeneous and Femtocell networks
- Information-centric wireless networks
- Internet of things
- Inter-networking of wireless heterogeneous and multi-tier networks
- LTE, WiMAX, WMAN, and other emerging broadband wireless networks
- Machine-to-machine and machine-type communications
- mmWave wireless networks
- Novel architectural design and operation models
- Opportunistic wireless networks
- Pervasive and wearable computing and networking
- Power management and energy conservation techniques
- Reconfigurable wireless networks
- Social wireless networks
- Software-defined wireless networks
- Standardization activities of emerging wireless technologies
- Testbeds and deployment

- Underwater wireless networks
- User cooperation and incentive schemes
- Vehicular wireless networks
- Wireless cloud computing
- Wireless mesh networks
- Wireless multimedia networks
- Wireless network virtualization
- WLAN, WPAN, and other home/personal networking technologies

Biographies

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

Dr. Atiquzzaman is the editor-in-chief of Journal of Networks and Computer Applications, founding Editor-in-Chief of Vehicular Communications, and 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 also guest edited 12 special issues in various journals.

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, 2012, 2014) and IEEE ICC (2007, 2009, 2010, 2012, 2014, 2016) conferences. He co-chaired ChinaComm (2008), and SPIE Next-Generation Communication and Sensor Networks (2006) and the SPIE Quality of Service over Next Generation Data Networks conferences (2001, 2002, 2003, 2005). He was the panels co-chair of INFOCOM'05, and is/has been in the program committee of numerous conferences such as INFOCOM, ICCCN, and Local Computer Networks.

He serves on the review panels of funding agencies such as the National Science Foundation and National Research Council (Canada) and Australian Research Council (Australia). In recognition of his contribution to NASA research, he received the NASA Group Achievement Award for "outstanding work to further NASA Glenn Research Center's effort in the area of Advanced Communications/Air Traffic Management's Fiber Optic Signal Distribution for Aeronautical Communications" project. Dr. Atiquzzaman received IEEE Communication Society's Fred W. Ellersick Prize. He is the co-author of the book "Performance of TCP/IP over ATM networks" and has over 270 refereed publications, most of which can be accessed at www.cs.ou.edu/~atiq.

His research interests are in communications switching, transport protocols, wireless and mobile networks, ad hoc networks, satellite networks, Quality of Service, and optical communications. His research has been funded by National Science Foundation (NSF), National Aeronautics and Space Administration (NASA), U.S. Air Force, and Cisco and Honeywell, Oklahoma Department of Transportation, and Oklahoma Highway Safety Office through grants totaling over \$7M.

Miloud Bagaa obtained the engineer degree, the master degree, and the PhD in computer science from the University of Science and Technology USTHB Algiers, Algeria, respectively in 2005, 2008 and 2014. During his PhD he visited University of Rennes 1 and UMBC University, USA, where he carried some research with Dr. Adlen Ksentini and Prof. Mohamed Younis, respectively. From 2009 to 2014 he was a researcher at CERIST, Algiers, Algeria. From 2014 to 2015 he was granted a post-doctoral fellowship from the European Research Consortium on Informatics and Mathematics (ERCIM), and he worked at the Norwegian university of Science and Technology (NTNU), in Trondheim, Norway, where he participated in MELODYII project supported by the Norwegian Research Council. Currently, Dr. Miloud Bagaa is a Senior Researcher with the Communications and Networking Department, Aalto University, Espoo, Finland. His research interests include wireless sensor network, Internet of Things, 5G wireless communication, Federated Cloud, Mobile Edge Computing, SDN, security, and network modeling. He published more than 45 papers in international peer-reviewed journals and conference proceedings, and one book chapter. He is a Technical Program Committee of IEEE Globecom conference. He is publicity chair for IEEE CSCN 2016 and Web Chair and Communication of IEEE 5G summit 2016

Prof. Ben-Othman received his B.Sc. and M.Sc. degrees both in Computer Science from the University of Pierre et Marie Curie, (Paris 6) France in 1992, and 1994 respectively. He received his PhD degree from the University of Versailles, France, in 1998. He was an Assistant Professor at the University of Orsay (Paris 11) and University of Pierre et Marie Curie (Paris 6), in 1998 and 1999 respectively. He was an Associate Professor at the University of Versailles from 2000 to 2011. He is currently full professor at the University of Paris 13 since 2011. Dr. Ben-Othman's research interests are in the area of wireless ad hoc and sensor networks, Broadband Wireless Networks, multi-services bandwidth management in WLAN (IEEE 802.11), WMAN (IEEE 802.16), WWAN (LTE), VANETS, Sensor and Ad Hoc Networks, security in wireless networks in general and wireless sensor ad hoc networks and vehicular ad hoc Networks. His work appears in highly respected international journals and conferences, including, IEEE ICC, Globecom, LCN, MSWIM, VTC, PIMRC etc. He has supervised and co-supervised several graduate students in these areas. He is widely known for his work on wireless ad hoc and sensor Networks, in particular, security.

He gave several talks on these topics, as Keynote in conferences Road Transportation System Strategy and Standardization (Korea), WCCCS'13, NSERC DIVA Distinguished Lecture Series (Canada), P2MNET'10, PEDISWESA'09, and as invited talks in GIST (Korea), Seoul National University, KRRI (Korea), USTHB (Algeria), Fes University (Morocco), Hanoi Science and Technology University (Vietnam), Reims (France), Martinique (France), University of Ottawa (Canada), INRS (Canada), Gliwice (Poland)...

He is an editorial board member of Wiley Wireless Communications and Mobile Computing (WCMC), Wiley Security and Communication Networks (SCN), Inderscience Int. J. of Satellite Communications Policy and Management, IEEE Comsoc Journal of Communications and Networks (JCN) and International Journal On Advances in Networks and Services IJANS. He is also an Associate Editor of Wiley International Journal of Communication Systems (IJCS). He is also editor of Elsevier ICTexpress. He has served as a member of Technical Committees of more than 80 international IEEE/ACM conferences and workshops including ICC, Globecom, MSWIM, LCN. He is a member of IEEE and ACM. He has served as General co-chair of international conference on wireless networks and mobile communications (WINCOM'15), and program chair of IEEE New technologies mobility and security (NTMS'15). He has served as TPC Co-Chair for IEEE Globecom Ad hoc and Sensor and Mesh Networking (Globecom, 2011, 2014). He will serve as TPC Co-Chair for IEEE Globecom Wireless and Mobile Networks symposium (Globecom, 2016), and as a TPC Co-Chair of IEEE Globecom Wireless Communications Symposium (Globecom 2010). He has served as TPC Co-Chair IEEE International Conference on Communications Ad hoc and Sensor and Mesh Networking (ICC 2012, ICC 2014). He is serving as TPC Co-Chair IEEE International Conference on Communications Wireless and Mobile Networks symposium (ICC 2016). He also has served as TPC Co-Chair Wireless Networking Symposium of The IEEE International Wireless Communications and Mobile Computing Conference (IWCMC 2011, 2012, 2013, 2014, 2015, 2016), ACM International Symposium on QoS and Security for Wireless and Mobile Networks (Q2SWinet 2010, 2011, 2012), and other conferences as for ICNC, WSCP, CNIT. He has served as Workshop chair for 9th international Workshop on Wireless local Networks (WLN09) and 10th international Workshop on Wireless local Networks (WLN10). He served as a publicity chair of several conferences such as the 12th ACM International Conference on Modeling, Analysis and Simulation of Wireless and Mobile Systems (MSWIM 09), IEEE International Symposium on a World of Wireless Mobile and Multimedia Networks (WOWMOM 2010), 25th Biennial Symposium on Communications. He has also served as Tutorial chair for Modeling, Analysis and Simulation of Computer and Telecommunication Systems (MASCOTS 2014). He served as Local Arrangement Chair for the 13th IEEE International Symposium on Computer Communication (ISCC 09). As IEEE ComSoc Member, he has actively participated to the activities. He was the secretary and he is currently Vice chair of the IEEE Ad Hoc and sensor networks technical committee since January 2012. He is IEEE ComSoc distinguished lecturer since January 2015. He is an active member of IEEE Communication software, CIS-TC, and WTC.

Prof. Shaowei Wang received his B.S., M.S., and Ph.D. degrees in electronic engineering from Wuhan University, Wuhan, China, in 1997, 2003, and 2006, respectively. From 1997 to 2001, he was with China Telecom as an R&D Scientist. Since 2006, he has been with the School of Electronic Science and Engineering, Nanjing University, Nanjing, China, where he is currently an Associate Professor. From 2012 to 2013, he was a Visiting Scholar/Professor at Stanford University, Stanford, CA, USA, and the University of British Columbia, Vancouver, BC, Canada. He has authored more than 100 papers in leading journals and conference proceedings in his areas of interest. He organized the Special Issue on Enhancing Spectral Efficiency for LTE-Advanced and Beyond Cellular Networks for the IEEE Wireless Communications, and the Feature Topic on Energy-Efficient Cognitive Radio Networks for the IEEE Communications Magazine. He is an Editor for the IEEE Communications Magazine, the IEEE Transactions on Wireless Communications and the Springer Journal of Wireless Networks. He serves/served on the technical or executive committee of reputable conferences including the IEEE INFOCOM, the IEEE ICC, the IEEE GLOBECOM, and the IEEE WCNC.