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Mohsen Guizani

It is a pleasure to welcome you again to the September 2018 issue of *IEEE Network*. This Special Issue is dedicated to "Integration of Satellite and 5G Networks." This is an important topic to help advance the technologies to support the fifth generation (5G). It is expected that satellites will provide the necessary coverage for effective means to reach areas beyond terrestrial coverage, to passengers in trains, aircrafts, and vessels, and cover urban areas; provide resilience as an integral part of the 5G ecosystem; and be ideal for high-reliability applications. For these reasons, this issue is a humble contribution to advancing this technology. The hope is to gather advances in satellite and terrestrial networking technologies illustrating the large spectrum wherein 5G and satellite can be suitably and efficiently integrated into a unique system platform.

This issue presents recent advances in further studying the possibility of a successful integration of satellites and 5G networks. The September issue includes nine technical contributions from academic and industry leaders in the area to reach the objective of making this integration feasible and successful. I take this opportunity to thank the Guest Editors, Tomaso de Cola, Stefan Covaci, Channasandra Ravishankar, and Ana I. Pérez-Neira, for their exceptional work in attracting high-quality papers and their endless efforts in making timely reviews and decisions.

I would like also to thank all the authors who have submitted their research work to *IEEE Network* for this Special Issue. This amount of work requires the contribution of the Guest Editors, Associate Editors, and reviewers who have participated in the review process and provided helpful suggestions to improve the content and presentation of the accepted papers — for that I am truly grateful. I am sure that you will find many of the articles (if not all) useful for your future research work in this area.

For any feedback, please contact me to let me know what you think about this note and/or this Special Issue, what type of content might be more interesting to you, and in what ways the magazine could be improved.

Biography

Mohsen Guizani [S'85, M'89, SM'99, F'09] (mguizani@ieee.org) received his B.S. (with distinction) and M.S. degrees in electrical engineering, and M.S. and Ph.D. degrees in computer engineering from Syracuse University, New York. He is currently a professor and the ECE Department Chair at the University of Idaho. Previously, he served as the Associate Vice President of Graduate Studies, Qatar University, Chair of the Computer Science Department, Western Michigan University, and Chair of the Computer Science Department, University of West Florida. He also served in academic positions at the University of Missouri-Kansas City, University of Colorado-Boulder, and Syracuse University. His research interests include wireless communications and mobile computing, computer networks, mobile cloud computing, security, and smart grid. He is currently the Editor-in-Chief of *IEEE Network*, serves on the Editorial Boards of several international technical journals, and was the founder and Editor-in-Chief of the *Wireless Communications and Mobile Computing* journal (2000–2016). He is the author of nine books and more than 500 publications in refereed journals and conferences. He has guest edited a number of Special Issues in IEEE journals and magazines. He has also served as a member, Chair, and General Chair of a number of international conferences. He has received multiple teaching awards as well as the Best Research Award three times. He received the Wireless Technical Committee's Recognition Award in 2017. He was the Chair of the IEEE Communications Society Wireless Technical Committee and the Chair of the TAOS Technical Committee. He served as an IEEE Computer Society Distinguished Speaker from 2003 to 2005. He is a Senior Member of ACM.