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Special Session on
Green Communications and Networks

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Dr Rabie received the M.Sc. and Ph.D. degrees in communication engineering from the University of Manchester, U.K., in 2010 and 2015, respectively. He is currently a Post-Doctoral Research Associate with Manchester Metropolitan University (MMU), Manchester. His research interests include signal processing and analysis of power-line and wireless communication networks. He received several awards, nationally and internationally, including the MMU Outstanding Knowledge Exchange Project Award of 2016 and the Best Student Paper Award at the IEEE International Symposium on Power Line Communications and its applications in 2015, TX, USA

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Dr Nauryzbayev received the B.Sc. (Hons.) degree and M.Sc. (Hons.) degree in radio engineering, electronics and telecommunications from Almaty University of Power Engineering and Telecommunication, Almaty, Kazakhstan, in June 2009 and June 2011, respectively. In 2016 he obtained a Ph.D. degree in Wireless communications from the University of Manchester and then started working as a Contracted Research Associate at Nazarbayev University. He is currently holding a position of Associate Professor in Eurasian National University (Astana, Kazakhstan). His research interest is in the area of wireless communication systems, with particular focus on multiuser MIMO systems, cognitive radio, signal processing, energy harvesting and interference mitigation.

Prospective authors are invited to submit original and unpublished work on the following research topics related to this Special Session:

- *Green wireless communications and networks*
- *Green wireline communications*
- *Green cooperative communications*
- *Energy harvesting and storage*
- *RF wireless power transfer*
- *Smart grid and smart cities*
- *Security and energy efficiency*
- *Cross-layer optimization for green networks*
- *Energy consumption management*