

## Special Issue

# Millimeter Wave Communications and Networking in 5G and Beyond

### Message from the Guest Editors

With the worldwide rollout of 5G's first commercial deployments, the availability of multi-Gbps wireless connectivity in the millimeter wave (mmWave) frequency band (30–300 GHz) is closer to becoming a reality enabling several new use cases for 5G. While enabling high capacity radio links and broadband indoor wireless networking is expected in mmWave communication, the key challenges including inherent adverse propagation conditions and a high degree of transmitter–receiver coordination requirements therein delimit the full potential of mmWave communication. Hence, there is a dire need for investigating fundamentals and practicalities in mmWave communication from the perspectives of both academia and industry. In this context, this SI offers a premier interdisciplinary platform for researchers to disseminate their results in all areas of mmWave communications to a diverse audience in an open access format.

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### Guest Editors

Prof. Cristina Perfecto  
Dr. Sumudu Samarakoon  
Dr. Jihong Park

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### Deadline for manuscript submissions

closed (30 November 2021)



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## About the Journal

### Message from the Editor-in-Chief

I would like to introduce the new, online, and open access journal *Telecom*. The purpose of *Telecom* is to publish high-quality research papers as well as review articles that address recent advances in communications technology. We invite researchers to contribute original papers describing applications and experiences in emerging trends of all fields of telecommunications engineering. *Telecom* also welcomes Special Issue proposals from academics and industrial researchers. We aim to facilitate more collaboration between scientists and engineers around the world, such that they will produce their innovative ideas and submit their cutting-edge technologies to *Telecom*. We anticipate the receipt of your contributions to *Telecom*, and we welcome your comments and ideas on how to improve this journal.

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### Editor-in-Chief

Prof. Dr. Sotirios K. Goudos  
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