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# Massive MIMO and mm-Wave Communications

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Deadline for manuscript submissions:
**closed (30 October 2021)**

## Message from the Guest Editor

After a decade of intensive research, massive MIMO (mMIMO) systems that employ a very large number of antennas at the base station have become to be deployed in commercial 5G networks that mostly operate at microwave frequencies in the sub 6 GHz band. Massive MIMO promises several benefits in terms of spectral efficiency, energy efficiency, data-rates and link reliability.

This Special Issue aims to highlight recent advances in modelling, design and implementation of mMIMO systems at mmWave frequencies. Prospective authors are invited to submit original contributions on both theoretical and practical issues, as well as on new services and future applications.

- 5G
- Wireless
- Modulation
- Beamforming
- Localization
- Energy efficiency
- Channel estimation
- MAC layer
- Fronthaul/backhaul
- Software Defined Radio

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## Message from the Editor-in-Chief

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