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# Prospective Multiple Antenna Technologies for 5G and Beyond

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Deadline for manuscript submissions: closed (30 April 2022)



#### Message from the Guest Editors

The main objective of this Special Issue is to report recent advances in antenna designs from sub-6 GHz to THz frequency spectrum for 5G and beyond communications and sensing systems. Authors of both theoretical and application-oriented papers presenting emerging antenna technologies including massive MIMO, beamforming MIMO/arrays, along with the design of intelligent reflecting surfaces are most welcome to submit their manuscripts.

Submissions can focus on conceptual and applied research, including but not limited to the following topics:

- MIMO full-duplex antenna system
- Massive MIMO antennas
- Intelligent Reflecting Surfaces for 5G and beyond
- Phased array and beamforming antennas
- mm-wave and THz antennas
- Metamaterial/metasurface based antennas
- Reconfigurable antennas
- Multi-band antennas
- Sub-6 GHz and mm-wave integrated antennas
- Base station and terminal antennas
- Wearable and implantable antennas
- Antennas for wireless sensing and wireless power transfer
- Antenna design techniques and measurement for 5G







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## **Editor-in-Chief**

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### Message from the Editor-in-Chief

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