



Massive MIMO for 5G

Guest Editor:

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Deadline for manuscript
submissions:

closed (30 September 2020)

Message from the Guest Editor

Dear Colleagues,

Massive MIMO (or called large-scale MIMO) technologies will play a key role in the implementation of 5G systems and beyond. This Special Issue calls for recent advances related to massive MIMO technologies that cover all signal processing, energy-efficient techniques, security, and implementation aspects. Topics of interest in this Special Issue include but are not limited to the following:

- Transmitter and receiver techniques for mMIMO;
- mMIMO architectures;
- Low energy/complexity implementations (analog/digital mMIMO, low resolution DAC/ADC, strongly NL amplifiers, etc.);
- Channel estimation in mMIMO;
- Resource allocation in mMIMO;
- mMIMO techniques for positioning and source localization;
- mMIMO for energy harvesting;
- mMIMO evolution (large intelligent surfaces, reconfigurable intelligent surfaces, intelligent reflexive surfaces, etc.);
- Physical security in mMIMO;
- Proof-of-concept (PoC) and trials.





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Editor-in-Chief

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Message from the Editor-in-Chief

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