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Massive MIMO Systems for High-Resolution Localization, Radar, and Imaging Systems: State-of-the-Art, Perspectives and Applications

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Message from the Guest Editor

Dear Colleagues,

This special issue focuses on the development and validation of massive MIMO-based localization, imaging and radar techniques for 5G networks. The scientific and engineering challenges that arise not only from the hardware and software architecture but also from the complexity and modeling of the radio propagation channel are yet to be fully addressed. A broader aim is to collect together high-quality papers from researchers working in this area with the aim of presenting the state-of-the art, advances and outlook in this field. Another goal is to identify and demonstrate innovative solutions that can be transferred in existing or future cellular networks.

Dr. Davy Gaillot
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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