# **Special Issue**

## Advances in Antenna and Terahertz Communications

## Message from the Guest Editors

Terahertz communication is one of the key technologies in 6G systems to provide extreme speed and low latency in high date-rate transmission. As a key frontend interface from active circuits to the free space in communication systems, antennas play a significant role in transmitting and receiving wireless signals. Antennas are facing a series of new challenges in 6G applications, especially for the terahertz communications, such as ultra-high frequency band, ultra-low profile, large-scale array design, extremely high fabrication accuracy, etc. This Special Issue aims to provide an international forum for researchers to disseminate their latest findings on the techniques. applications, and understanding in realizing antennas for 6G and terahertz communication systems. Research areas may include (but not limited to) the following: (1) New methods of realizing antennas for base station applications; (2) New methods of realizing antennas for satellites applications; (3) New methods of realizing antennas for smart sensing applications; (4) Array designs with smart beams for 6G applications;

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#### Editor-in-Chief

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