



## Advances in Antenna and Sensors System

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### Message from the Guest Editors

Dear Colleagues,

With the advent of new communication technologies such as 5G and 6G and the Internet of Things (IoT and M-to-M), the needs for the development of new, connected, embedded systems have increased. Among these needs, we can identify the development of new architectures of connected sensors. Indeed, sensors that were formerly used as a simple module in a circuit and that allowed measuring a particular physical quantity have today become fully fledged autonomous systems integrating intelligent functionalities of monitoring, self-calibration, and even decision making.

Furthermore, antennas, which are essential components of any wireless communication system, require adaptation for these new architectures and these new communication technologies. Therefore, new antennas incorporating features such as multiple input and multiple output (MIMO), beamforming, and beam steering capabilities need to be developed.

- IoT architectures;
- Antenna for sensors;
- Antenna for IoTs and M-to-M;
- Embedded antennas;
- Mmwave antenna;
- Antenna for 5G and 6G;
- Reconfigurable antennas.





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## Message from the Editor-in-Chief

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