

## Special Issue

# Wireless Transceiver Design for RF/MM Waves and THz Communication

### Message from the Guest Editor

Wireless transceiver design for RF/mm waves and THz communication has increasingly been a subject for research and industrial focus over the past few years. Traditional architectures for transceiver design are conducive to high power consumption. Therefore, we are interested in novel architectures that will ensure lower power consumption and smaller footprints. Furthermore, we are interested in new applications for THz regimes. One example is the use of lithography-based technologies to establish nanostructures that are subsequently transferred to 3D imaging at sub-mm waves. Free bands, the need to communicate faster, and nanoscale and modern sub-micron technologies are the key enablers for these applications. Accordingly, this Special Issue seeks to showcase research papers, communications, and review articles that focus on novel methodological developments in wireless transceiver design, i.e., novel architectures and applications. We look forward to receiving your submissions. Keywords

- THz
- wireless communications
- transceiver design
- imaging
- mm and sub-mm waves

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### Guest Editor

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### Deadline for manuscript submissions

closed (25 September 2023)



## Micromachines

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### Editor-in-Chief

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