



IEEE
BANGALORE SECTION

IEEE ComSoc
IEEE Communications Society

Bangalore
Section

IEEE Signal Processing Society
BANGALORE CHAPTER

IEEE Future Networks
TM

IEEE BHARAT 6G SUMMIT



Date :
July 22, 2023



Time :
10:00am - 05:00pm



CALL FOR EXPRESSION OF INTEREST

IEEE Communication Society Bangalore Chapter, in association with IEEE Future Networks, IEEE Bangalore Section, and IEEE Signal Processing Society Bangalore Chapter, is organizing the **IEEE BHARAT 6G SUMMIT** at the **Indian Institute of Science** on **July 22, 2023**. We are seeking experienced thought leaders and industry professionals to share their knowledge and expertise as we work together to explore emerging issues leading practices, and advocate the impact of 6G in India, and investigate how India can realize its Mission of becoming a global leader in this space.

IEEE BHARAT 6G SUMMIT will focus on the following topics

- Network Architectures for 6G
- Spectrum perspective for 6G, Spectrum Sharing.
- Network Platforms, Devices, and Multi-disciplinary Systems for Next-G
- Radio access technologies for 6G, Tera-Hertz Communications
- Next-generation MIMO, Ultra-Massive MIMO Antenna Systems
- Intelligent User Plane, Reflecting Surfaces
- Resilient and Energy Efficient Networks and Energy Efficient Waveforms
- Digital twins, Distributed/federated AI, GenAI, Web 3.0,
- AI/ML in RAN, Native AI RAN
- Quantum Computing/Internet/Communications
- Non-Terrestrial Networks, TN-NTN co-existence, seamless mobility, NTN architecture, and modeling
- Sustainability Considerations for RAN
- Open-RAN-based system evolution in the context of 6G
- Private Networks and Acceleration of Industry 4.0
- Autonomic Computing
- Network Slicing
- Mobile Edge Computing
- Experimental Testbeds
- Communication, Navigation, Sensing, Positioning, and Services
- Security-as-a-Service, Zero Trust, Blockchain Orchestration
- Deep Space Communication
- Optical wireless communications
- Applications and use-cases driving 6G enabling Verticals (healthcare, energy, automotive, agriculture, education, smart-grid energy, and automotive)
- Metaverse applications with emerging Tech (Generative AI-based, etc.)

Apply to the call for expression by filling the below form

bit.ly/IEEE6GNSummit_SpeakerCFP

For any queries, please reach out to
tpc-comsoc-6g-summit@googlegroups.com



Last Date for submitting EoI: June 17, 2023

Notification of selected speakers: June 30, 2023

Deadline for submission of final presentation: July 15, 2023