IEEE International Conference on Edge Computing (EDGE)

Edge computing, as the convergence of computing and communications, provides a paradigm that offers many unlimited research and application opportunities across a wide range of domains. In the meantime, it raises many fundamental and unprecedent problems and challenges. The 2022 IEEE International Conference on Edge Computing and Communications (IEEE EDGE 2022) aims to become a prime international forum for both researchers and industry practitioners to exchange the latest fundamental advances in state of the art and practice of edge computing, identify emerging research topics, and define the future of edge computing in the field of Computer Science and Communications.

IEEE EDGE 2022 will feature a comprehensive high-quality technical program including track, tutorial and demonstration. IEEE EDGE 2022 will also include an attractive industry program aimed at practitioners, with keynotes and panels from prominent research, industry leaders, and technological exhibits. IEEE EDGE 2022 invites original papers addressing all aspects related to edge computing theories, technologies and applications. Technical topics of interest include but are not limited to the following:

- Edge Computing Architecture
- Edge Computing and Communications Theories
- Cognitive Radio in Edge Computing
- Signal Processing in Edge Computing
- Edge Access Networks & Systems
- Services & Software for Edge Computing
- Platforms & Systems for Edge Computing
- CPU/GPU and Hardware for Edge Computing
- AI Enabled Edge Computing
- Blockchain & Zero Trust in Edge Computing
- Edge Centric Convergency of IoT & Cloud Computing
- Collaborative Edge & Cloud Computing
- Storage and Caching at the Edge
- QoS & QoE at the Edge
- Artificial Intelligence at the Edge
- Machine Learning at the Edge
- Secure, Reliable and Trusted Edge Computing and Communications
- Software-defined Edge Computing, Networks and Communications
- Edge Computing for Vehicular System & Network
- Edge Computing for Ad-hoc & Sensor Networks
- Edge Computing for Optical Networks & Systems
- Edge Computing for 5G/6G Network & Systems
- Edge Communications for Satellite & Space Systems
- Edge Communications for Underwater and Maritime Systems
- Edge Communications for Smart Grid Systems
- Edge Communications for Unmanned Aerial Vehicle Systems
- Edge Communications for IoT and Sensor Networks
- Mobile and Wireless Networks for Edge Computing
- Wireless Communications for Edge Computing
- Edge Computing and Communications for other Services, Applications and Systems

PAPER SUBMISSION INSTRUCTIONS
Instructions for authors, including the submission link, are available at: [https://conferences.computer.org/edge/2022/cfp/](https://conferences.computer.org/edge/2022/cfp/).

IMPORTANT DATES - UPDATED

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CONTACT EDGE ORGANIZERS
ieeecs DOT edge AT gmail DOT com