2022 IEEE International Conference on Edge Computing (EDGE)
part of the 2022 IEEE World Congress on SERVICES

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JULY 10-16

HYBRID FORMAT - ONLINE AND IN PERSON
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BARCELONA, SPAIN

CALL FOR PAPERS

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/.

IMPORTANT DATES - UPDATED
Submissions due:
April 1, 2022
Final notification to authors:
May 15, 2022
Camera-ready manuscript and registration due:
June 1, 2022

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