



2022 IEEE International Conference on Cloud Computing (CLOUD)

part of the 2022 IEEE World Congress on SERVICES

<https://conferences.computer.org/cloud/2022/>

JULY 10-16

HYBRID FORMAT - ONLINE AND IN PERSON
HOSTED AT UPC TERRASSA CAMPUS
BARCELONA, SPAIN

CALL FOR PAPERS



IEEE International Conference on Cloud Computing (CLOUD)

IEEE CLOUD is a flagship conference focusing on innovative cloud computing across all “as a service” categories, including modeling, developing, publishing, monitoring, managing, delivering Everything-as-a-Service (XaaS) in the context of various types of cloud environments. IEEE CLOUD 2022 invites original papers addressing all aspects of cloud computing technology i.e., infrastructure, applications, management and security solved using technologies of Big Data, Artificial Intelligence, High Performance computing, Distributed computing etc..

Technical topics of interest include but are not limited to the following:

Cloud as a Service

- IaaS, PaaS, and SaaS
- Function as a Service
- Network as a Service
- Storage as a Service
- Everything as a Service

Cloud Infrastructure

- Cloud Computing System and Architectures
- Edge Computing System and Architectures
- Cloud-centric Network Architectures
- Storage and Data Architectures
- Hybrid-clouds and Multi-clouds Integration
- Cloud Computing Virtualization/
Containerization

Cloud Applications

- Large Scale Cloud Applications
- Terminal-Edge-Cloud Applications
- 5G/6G Enhanced Edge/Cloud Applications
- Social and Mobile Cloud Applications
- Innovative Cloud Applications
- Microservice-based Cloud Applications
- Containerized Application Virtualisation
- Serverless Cloud Applications

Cloud Management and Operations

- Distributed and Parallel Query Processing
- Resource, Energy, Data Management
- Cloud Metering and Monitoring
- Containers, Serverless Computing
- SDN, NFV, Data Center Network
- Cloud Service Adaptation and Automation
- Cloud Federation, Service Composition
- Sustainable Cloud Computing

Cloud Security and Privacy

- Access Control, Authorization, Authentication
- Assurance, Audit, Certification, Compliance
- Fault Tolerance, High Availability, Reliability
- Cryptographic Algorithms and Protocols
- Privacy-aware data management
- Trusted Cloud Environments
- Application of Distributed Ledger Technologies
to Cloud

PAPER SUBMISSION INSTRUCTIONS

Instructions for authors, including the submission link, are available at:

<https://conferences.computer.org/cloud/2022/cfp/>.

IMPORTANT DATES - UPDATED

Abstract Submissions (encouraged but not required):

March 22, 2022

Submissions due:

April 1, 2022

Final notification to authors:

May 15, 2022

Camera-ready manuscript and registration due:

June 1, 2022

CONTACT CLOUD ORGANIZERS

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