



Paper Submission : February 07, 2020

Paper Notification : March 16, 2020

Camera-Ready, Registration : April 10, 2020



CALL FOR PAPERS

Workshop proposals : October 15th, 2019

Notification of Acceptance: October 20th, 2019

CloudTech'20 will provide a high-level, international forum to present state-of-the-art research results, address new challenges, and discuss trends and opportunities related with all aspects and applications of **Cloud Technology; Artificial Intelligence; Big data; High Performance Computing, Internet of Things**. The target public of CloudTech'20 includes all scientists, researchers, professionals, industry and government, particularly, researchers, policy-makers, engineers and students interested in all issues related to the topics above.

All accepted and presented papers will be published in the conference proceedings and submitted for inclusion in **IEEE Xplore Digital Library**. Distinguished papers will be invited to submit a revised and extended version to some prestigious **indexed International Journals**. A special issue will be published as a **LNNS Springer book** (pending approval)

Cloud Computing

- Intercloud architecture models
- Networking technologies
- Scalability and performance
- Green data centers
- Resource monitoring
- Virtual desktops
- Energy efficiency, ...

High Performance Computing

- Network Flow and Congestion
- Message Passing
- Resource Allocation, Sharing and Management
- Modeling and Simulation using HPC Systems
- Load Balancing and Sharing for HPC
- Reliable Parallel, and Distributed Algorithms
- Network and Systems Protocols, ...

IoT and Mobile Computing

- IoT architectures and models
- IoT Edge and Cloud Architectures
- Web services and Web of Things
- Societal impact of the IoT
- Energy Efficiency and Sustainability
- Security, Privacy and Trust in the IoT
- Social Adoption of IoT Systems, ...

Artificial Intelligence

- Game theory
- Agent-based systems
- Ant colony optimization
- Approximate reasoning
- Artificial immune systems
- modelling and simulation
- scheduling and optimization, ...

Big Data

- Foundational Models
- Big Data Open Platforms

- Big Data Analytics and Metrics
- Mobile and Pervasive Computing

- Cloud Computing Techniques
- System Security

- Big Data as a Service
- Big data storage, ...

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