



Call for
Papers

Track: Data-centric Engineering

The aim of this track is to provide a forum for the exchange of ideas and discussions on data-centric engineering problems, algorithms, and modern architectures, as well as current and future challenges in this topic. The track is, therefore, open to high-quality submissions from researchers working on learning problems using Big Data Analytics. The topics of this track include Big Data fundamentals, modern architectures to work on the cloud, and any data-centric application.

A) Data-centric Engineering Fundamentals

- Data Visualization and Modern Technologies
- Big Data Analytics and Mining
- Software Frameworks (MapReduce, etc.)
- Big Data Preprocessing Techniques
- Scalable and High Performant Analytics
- Modeling, Experiments

B) Modern Architectures - Services Computing and Databases

- Cloud Computing
- SQL/NoSQL Databases
- Mobile Computing
- Streaming, Sensors, Wireless Technologies
- Big Data Platforms (Management, Analytics)

C) Applications

- Networking and Social Networks
 - Social Science and Implications for Big Data
 - Security, Privacy and Risk
 - Bioinformatics
 - Internet of Things
 - Smart Cities & Energy
 - Industrial Challenges
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