

**Hybrid Event:**  
**(On-site In-person Presentation & Virtual Presentation)**

Barcelona, Spain  
August 1-3, 2022  
<https://coinsconf.com>



**Call for Papers**

### Track: Big Data, Data Engineering, and Data Analytics

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

#### A) Big Data fundamentals

- Data Visualization and Modern Technologies
- Big Data Analytics
- Software Frameworks (MapReduce, Spark, etc.) and Simulations
- Big Data Pre-processing Techniques
- Big Data Mining
- Scalable and High Performance Computing
- Modeling, Experiments, Sharing Technologies & Platforms

#### B) Modern Architectures - Services Computing and Databases

- Cloud Computing
- SQL/NoSQL Databases
- Data Center Enabled Technologies
- Mobile Computing
- Sensors, Wireless Technologies, APIs

#### C) Applications of Big Data

- Networking and Social Networks
- Social Science and Implications for Big Data
- Security, Privacy and Risk
- Bioinformatics

#### Track Co-Chairs

Malu Castellanos, Teradata Aster, USA  
Wen Hua, The University of Queensland, Australia

#### Track Program Committee

Artem Barger, Blockchain Research Expertise Group, Israel  
Mingwu Chen, Langara College, Canada  
Olivia Choudhury, Amazon, USA  
Giuseppe Destefanis, Brunel University, UK  
Isabel de la Torre Díez, University of Valladolid, Spain  
Harald Drillenburg, Inholland University of Applied Sciences, Netherlands  
Sofiane Hamrioui, ESAIP, France  
Ram Krishnan, University of Texas at San Antonio, USA  
Yudong Liu, Western Washington University, USA  
Markus Lücking, Schwarz IT KG, Germany  
Regio Michelin, University of New South Wales, Australia  
David Millman, Montana State University, USA  
Fazel Mohammadi, University of Windsor, Canada  
Alexis Morris, OCAD University, Canada  
Marcel Müller, Technische Universität Berlin, Germany  
Mariusz Nowostawski, Norwegian Univ of Science & Technology, Norway  
Antti K. Piironen, Metropolia University of Applied Sciences, Finland  
Laura Ricci, University of Pisa, Italy  
Claudio Schifanella, University of Turin, Italy  
Wazen Shbair, University of Luxembourg, Luxembourg  
Gautam Srivastava, Brandon University, Canada

#### Submission Instructions

- Submission information for the conference can be found [here](#).
- Use [IEEE templates in Microsoft Word \(US Letter\)](#) and [LaTeX format for conference proceedings](#).
- Final PDF file should be created using [IEEE PDF eXpress](#).