



IEEE Global Communications Conference

7-11 December 2021 • Madrid, Spain

Connecting Cultures around the Globe

Selected Areas in Communications Symposium

Big Data Track

Track CHAIR

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SCOPE AND MOTIVATION

This Big Data Track covers all ideas, results, theories, visions, and experiences in big data relevant sciences, technologies, and applications. This track welcomes relevant paper submissions from researchers in academia, industry, and government, such as professors, students, engineers, practitioners, scientists, and policy makers. This track welcomes not only original technical and scientific research results but also technical surveys in relevant topics.

TOPICS OF INTEREST

The Big Data track seeks original contributions in the following topical areas, plus others that are not explicitly listed but are closely related:

- Data driven approaches and technologies
- Data intensive sciences and technologies
- Data analytics and analysis
- Artificial and computational intelligence
- Machine learning, data mining, web mining, and graph mining
- Big data models, theories, algorithms, approaches, solutions
- Big data performance analysis and deployment
- Big data maintenance, management, and operations
- Big data placement, scheduling, and optimization
- Big data practices and applications
- Big data meet green challenges
- Big data integration and visualization
- Data lifecycle
- Distributed and federated datasets
- Big data retrieval, processing, analysis, and analytics
- Big data semantics, scientific and knowledge discovery and intelligence
- Big data acquisition, integration, cleaning, and practices
- Big data architecture, infrastructure and platforms
- Big data classifications, benchmarks and metrics
- Big data standardization and regulation

- Big data storage and management
- Evaluations, simulations and debugging and tools relevant to big data
- File systems and databases for big data
- Inquiries and programming languages for big data
- Policy making and legal issues in Big Data
- Security in Big Data
- Privacy protection, trust in Big Data
- Quality of experiences and quality of services of big data
- Big business and industries
- Big data for astronomy
- Big data for biological, biomedical, and health science and technologies
- Big data for multimedia and image processing
- Big data for smart cities and smart homes
- Big data for social networks
- Big data in and for research, sciences and technologies
- Big data in, with, and for cloud, edge, and fog computing
- Big data in, with, and for networking, future networks, ICN, SDN, and NFV
- Big data in, with, and for future wireless networks, 5G, 6G
- Big data with and for smart grids
- Big data with Internet of Things/cyber-physical systems
- Big data with relevant signal processing techniques
- Big sciences and technologies
- Inquiries and programming languages for big data
- Mobility and big data
- Relevant surveys

IMPORTANT DATES

Deadline for paper submission: 15 April 2021

Date for notification: 25 July 2021

Deadline for final paper submission: 1 September 2021

SUBMISSION INSTRUCTIONS

All papers for technical symposia should be submitted via EDAS through the following link

<https://edas.info/N27491>