



Selected Areas in Communications Symposium

Track on Big Data

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. The Big Data track solicits original contributions in, but not limited to, the following topical areas:

TOPICS OF INTEREST

- 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 computing and networking
- Big data in, with, and for communications and networking
- 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
- Mobility and big data

IMPORTANT DATES

Paper Submission: 15 April 2020

Notification: 25 July 2020

Camera Ready and Registration: 1 September 2020

SUBMISSION INSTRUCTION

All papers for technical symposia should be submitted via EDAS through the following link: <https://edas.info/N27054>