



CALL FOR PAPERS

ICBDAPS 2020
Apr 16-17, 2020
Cape Town, South Africa

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICBDAPS 2020 : International Conference on Big Data Applications for Power Systems is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Big Data Applications for Power Systems. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Big Data Application in Power Systems
Holistic Approach to Becoming a Data-Driven Utility
Energy Connections-Grid Solutions
Emerging Security and Data Privacy Challenges for Utilities
The Role of Big Data and Analytics in Utility Innovation
Frameworks for Big Data Integration, Warehousing, and Analytics
Harness the Power of Big data for Management of Power Systems
Agile Machine Learning for Data Analytics in Power Systems
Unsupervised Learning Methods for Power System Data Analysis
Deep Learning for Power System Data Analysis
Compressive Sensing for Power System Data Analysis

Time-Series Classification Methods
Power of Big Data into Power Systems
Future Trends for Big Data Application in Power Systems
Data-Driven Approaches for Demand Response
Topology Learning in Radial Distribution Grids
Grid Topology Identification via Distributed Statistical Hypothesis Testing
Supervised Learning-Based Fault Location in Power Grids
Data-Driven Voltage Unbalance Analysis in Power Distribution Networks
Predictive Analytics for Comprehensive Energy Systems State Estimation
Data Analytics for Energy Disaggregation: Methods and Applications