

Special Session Proposal 2016
IEEE Cyber Science and Technology Congress (CyberSciTech 2016)
August 8-August 12, 2016, Auckland, New Zealand

1. Session name

Cyber-Enabled Applications of Big Data Analytics (CEA-BDA)

2. Session chair

Dr. T.Sasipraba, Sathyabama University, Chennai, India
Dr.R.Subhashini, Sathyabama University, Chennai, India

3. Session Description

Recent years have observed a dramatic growth in our ability to collect heterogeneous data from various sources like sensors, devices, independent and connected applications. This data flood has outperformed our capability to process, analyze, store and understand these datasets. Rapid expansion of Internet data accelerated by the dramatic increase in acceptance of social networking applications allows users to create contents freely and enlarge the already huge Web volume. Moreover, mobile phones are becoming the sensory gateway to get real-time data on people. Trillions of connected components including people and devices will generate a huge data ocean. A new methodology is required for transforming Big Data stored in heterogeneous and different in nature data sources (e.g., legacy systems, Scientific data, sensor and stream databases, Web and Social networks) in to a structured and well interpretable format for target data analytics. This session aims to bring together people from both academia and industry to discuss on big-data issues, case studies, tools and platforms and exchange ideas and thoughts in order to develop core generic technologies, tools and algorithms for wider applications in government and to society.

We are seeking papers in, but not limited to, the following main areas:

- Big Data as a Service
- Big Data Analytics in e-Government and Society
- Applications in Science, Engineering, Healthcare, Visualization, Business, Education, Security, Humanities, Bioinformatics, Health Informatics, Medicine, Finance, Law, Transportation, Retailing, Telecommunication, all Search-based applications, ...