



*Special Session Call for Papers:*

## **Big Data**

*Chair:*

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*Abstract:*

Development in biology, e-business, social media, internet of things, sensing etc. is resulting in a huge amount of data, that are different by nature and volume so need new approaches to store, secure, manage, analyze, visualize and extract relevant knowledge for decision making.

A big data phenomenon is intensively studied within statistics, machine learning, artificial intelligence as well within high performance computing and mathematical optimization societies.

In the proposed special session, we hope to bring together researchers from above mentioned areas that are dealing with big data from different perspectives. Novel and interesting results related to big data are welcome. We point out few possible subtopics that the authors can address:

- Management of big data;
- Modelling big data;
- Big data and High performance computing;
- Software for big data;
- Algorithms for Big data;
- Instances of big data in science and in practice;

Please note: When submitting the paper, please, select “Special Session: Big Data”.