Call for Papers for

SPECIAL SESSION ON **HIGH-PERFORMANCE COMPUTING AND BIG DATA**

at The 15ᵗʰ International Symposium on Operations Research in Slovenia (SOR '19)
which will be held in Bled, Slovenia, September 25 – 27, 2019.

Organized and chaired by: Assoc. Prof. Dr. Janez Povh and Assoc. Prof. Dr. Mirjana Kljajić Borštnar

Development in science (biology, physics, chemistry), e-business, social media, internet of things, sensoring etc. is resulting in a huge amount of data, that is different by nature and volume so needs new approaches to store, secure, manage, analyse, visualize and extract relevant knowledge for decision making. A big data phenomenon is intensively studied within statistics, machine learning artificial intelligence and mathematical optimization.

In the proposed special session, we plan to bring together researchers that are active in HPC and/or Big data. We expect to present novel and interesting results related to:

- new HPC architectures designed for big data;
- new HPC services and business models;
- applications of HPC in any subarea of science or business;
- management, analysis and modelling of any type of big data;
- algorithms and software for HPC and big data.

DEADLINES:
- Submission of contributed papers: June 16, 2019
- Referee's reports: July 15, 2019
- Submission of revised papers and copies of bank transfer: August 25, 2019

Note: When submitting the paper, please, select "Special Session: HPC and Big Data".