

## **Introduction to 2015 High Performance Big Data and Cloud Computing (HPBC) Workshop**

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This workshop has evolved from the 11-th High Performance Grid and Cloud (HPGC) computing workshop, to reflect the increasing importance of Big Data processing. There are multiple sources of Big Data, such as observations (physical and cyber worlds), simulation, experiments, and sensor networks. Applications include text, image and video processing, and analytics. Areas include:

- Big Data and cloud hardware and software infrastructure
- Big Data processing techniques, such as streaming, reduction, filtering, and analysis
- Big Data placement optimization
- Large scale big data applications
- Big Data analytics, including machine learning
- Big Data visualization

This year we accepted only 3 submissions, which are organized into one contributed paper session. The workshop is co-located with the High Performance Data Intensive Computing (HPDIC) workshop. We have one invited speaker, Timothy Mattson from Intel, USA, presenting a keynote talk on Big Data: What Happens when Data actually gets big?

This workshop would not have been possible without the help from of our program committee. We would like to thank them for their hard work.

### **Program Committee**

Rajkumar Buyya, University of Melbourne

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