

Organised by

The Institute of Mathematical Research and Big Data Research Cluster  
The University of Hong Kong

Centre for Informatics and Computational Science  
The University of Notre Dame



# Big Data Challenges for Predictive Modeling of Complex Systems

November 26-30, 2018 | The University of Hong Kong

This five-day scientific symposium aims to bring together leading researchers across the globe to address challenges in the interface of machine learning/deep learning, information/data sciences and scientific computing that will accelerate the development of data-driven models for prediction and decision making under uncertainties in scientific and engineering applications.

The symposium will include several tutorials as well as invited and contributing research presentations on the most recent advances. There will also be a poster session for attendees to present their work to the group. Emphasis is given on unifying mathematical, statistical and computing themes as well as on large-scale applications of Big Data to complex systems in physical, chemical, biological sciences and engineering.

## Major Topics / Themes

- ◆ machine learning / deep learning
- ◆ information / data sciences
- ◆ scientific computing

## Programme Highlights

- ◆ 14 keynote talks
- ◆ 43 oral presentations
- ◆ 16 poster presentations

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**Symposium registration  
and more details:**

**<https://goo.gl/9VZ2Hw>**

