



# Frontiers in Data-Driven Science and Technology: Recent Advances in Machine Learning and Applications

November 5-6, 2015, Nagoya, Japan

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## Aim and Scope

The recent explosion of digital data in a wide variety of domains, including science, engineering and many business sectors, has declared the era of big data, which cannot be analyzed by classical statistics but by more modern, robust techniques in machine learning and data mining. In fact big data is not necessarily just for analytics to extract embedded information or knowledge but used more for the purpose of achieving better performance or even decision-making. This paradigm shift on data analysis leads to a breakthrough in academic research also, referred to as "data-driven science and technology". This workshop is the first attempt to contribute to this emerging paradigm by inviting scientists in machine learning and applications, to hear their latest achievements and explore solutions for future problems, a particular application focus being placed on signal data, biomedical and material sciences.

## News

- Website launched (25 Sep.)

## Host Organization

### **The NITech Frontier Research Institute for Information Science**

 **Nagoya Institute of Technology**

## Supporting Organization



**Institute for Chemical Research,  
Kyoto University**