



## INVITED SESSION SUMMARY

**Title of Session:**

Data Science for Big Data

**Name, Title and Affiliation of Chair:**

Katsutoshi Yada, Professor, Kansai University  
Takahira Yamaguchi, Professor, Keio University

**Details of Session (including aim and scope):**

This special session focuses on Data Science and Big Data which are two of the hottest research areas in computer science and business. In recent years, Big Data has attracted many researchers and business people in various fields. Big Data is a resource which creates added value by using a data science approach leading to significant innovations. We want to attract researchers and business people whose expertise is related to Big Data and Data Science, and encourage the sharing of information.

**TOPICS**

Technical issues include (but are not limited to):

<Techniques>

Cloud/Grid computing

High performance computing

Data mining

Machine learning

Text and semi-structured data mining

Pattern recognition

Knowledge representation

Statistics and probability

Service Ontologies and Modelling

<Applications>

Engineering

Management

Marketing

Operation process

Medical treatment

Public administration

**Main Contributing Researchers / Research Centres (tentative, if known at this stage):**

**This Invited Session will be supported by the Data Science Laboratory in Kansai University.  
Katsutoshi Yada, Kansai University  
Takahira Yamaguchi, Keio University**

**Website URL of Call for Papers (if any):**

<http://www2.itc.kansai-u.ac.jp/~yada/conf/kes17/>

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