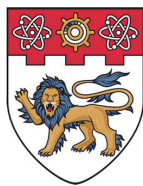


NTU-Kobe Joint Workshop on Data Science

This is the first joint workshop on data science between Nanyang Technological University in Singapore (NTUs) and Kobe University (KU). On December 1, 2016, two universities signed two MOUs of student exchange and joint research on data science. Various aspects of new researches on data science will be reported and discussed. We welcome all researchers and students who are interested in this field.



**NANYANG
TECHNOLOGICAL
UNIVERSITY**
SINGAPORE



Date: 9:30-16:40, November 23, 2017

Venue : Room Z201-202, Graduate School of Science, Kobe University

Organizers:

Ling San, (Provost Designate and Dean of Science, NTU)

Chee Yeow Meng, (Chair, School of Physical and Mathematical Sciences, NTU)

Masa-Hiko Saito (Vice President, Graduate School of Science, KU)

Seiichi Ozawa (Professor, Graduate School of Engineering, KU)

Supported by Nanyang Technological University, Singapore and Kobe University, Japan

Speakers from Nanyang Technological University, Singapore

Cai Jianfei, (School of Computer Science and Engineering)
Learning-based 3D Visual Recognition and Reconstruction

Lin Guosheng, (School of Computer Science and Engineering)
Learning Deep Convolutional Networks for Visual Scene Understanding

Bei Xiaohui, (School of Physical and Mathematical Sciences)
Learning Market Parameters using Aggregate Demand Queries

Patrick Pun Chi Seng, (School of Physical and Mathematical Sciences)
High-Dimensional Portfolio Selection with DECODE

Speakers from Kobe University, Kobe, Japan

Seiichi Ozawa (Center for Mathematical and Data Sciences, Graduate School of Engineering)
Recent Challenges to Cybersecurity and Privacy-Preserving Data Mining Using Machine Learning

Ryo Nishide (Graduate School of System Informatics)
Extracting Breeding Cows from Monitored Camera Image Data

Tetsuya Takiguchi (The Research Center for Urban Safety and Security)
Voice Conversion Based on Non-negative Matrix Factorization

Tsutomu Terada (Graduate School of Engineering)
Wearable Sensing and Information Presentation Considering Psychological Effects

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