



Doshisha University and Renmin University of China



# The 3rd Japan-China Symposium on Theory and Application of Data Science

**Date: 16 November 2019**

**Venue: Mukokukan MK102, Kyotanabe Campus, Doshisha University**

**10:00-10:15 Opening**  
**10:20-12:10 Session 1 Chair: YADOHISA Hiroshi**

**LI Yang:**

Integrative Interaction Analysis Using Threshold Gradient Directed Regularization

**YADOHISA Hiroshi:**

Unsupervised Anomaly Detection Using Point People Flow Data and Mesh Population Flow Data

**LI Jingping:**

SEM-based estimation in parametric measurement error models

**TANAKA Yu:**

Phonological Cues to Sino-Japanese Words

**XU Wangli:**

A Combined p-value Test for the Mean Difference of High-dimensional Data

**13:40-15:20 Session 2 Chair: LI Yang**

**TSUMURA Hiroomi:**

Reconstructing the Complexity and Evolution of Prehistoric Human Societies with Data Science

**DU Zifang:**

Serum Vitamin A Concentration Distribution in Chinese Children

**YOSHINO Ryozo:**

Cultural Manifold Analysis (CULMAN) for Cross-national Comparative Survey

**WANG Yu:**

Health Care Underutilization in Middle-Aged and Elderly Adults in China

**ZHENG Yuejun:**

Cross-cultural Comparison on Acculturation in Asia-Pacific Area Based on Survey Data

**15:50-16:50 Panel Discussion Chair: YOSHINO Ryozo**

**16:50-17:00 Closing**

Sample Design in Social Science  
Speakers from RUC & Doshisha Univ.