



MyJP-SIM<sup>2</sup>

Meeting You in JAPAN – Symposium on  
Innovative Mathematical Minds

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# MyJP-SIM<sup>2</sup> Program

Meeting You in JAPAN – Symposium on Innovative Mathematical  
Minds

March 26–29, 2026 · Hosei University, Koganei Campus, Tokyo, Japan

[Conference Venue](#)

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## CONFERENCE VENUE

法政大学小金井キャンパス西館B1マルチメディアホール

Multimedia Hall, West Building B1, Koganei Campus, Hosei University

 [Access Map to the West Building](#)

The conference venue is located at No. 2 (West Wing) on the campus map.

 [Official Campus Map](#)

AT A GLANCE

NAVIGATION

THURSDAY MARCH 26

THURSDAY, MARCH 26

Registration

FRIDAY, MARCH 27

Opening and Sessions A–D

SATURDAY, MARCH 28

Sessions E–H

SUNDAY, MARCH 29

Discussion on Research and Education in the Age  
of AI

Jump directly to each day of the  
symposium.

Mar 26

Mar 27

Mar 28

Mar 29

## March 26, 2026 (Thursday)

Time	Session	Speaker	Affiliation	Title
13:00–	Registration			

17:00

## March 27, 2026 (Friday)

Time	Session	Speaker	Affiliation	Title
8:50–9:00	Opening			
9:00–9:30	A	Masaaki Imaizumi	University of Tokyo, Department of Basic Science	<b>Analysis on dynamics of deep neural network with high-dimensional structure</b>
9:30–10:00	B	Wen Zhou	New York University, School of Global Public Health	<b>Optimal Comparison of Network Effects for Sparse Directed Networks with</b>

**Dependent Edges**

10:00–  
10:30

A

Xiaohua Yu

University of Gottingen,  
Department of Agricultural  
Economics and Rural  
Development

**Forecasting  
Food Prices with  
Machine  
Learning**

10:30–  
10:50

**Coffee Break**

10:50–  
11:20

B

Qian Wu

Hosei University

**A Freudian  
Structural  
Account of  
Large Language  
Model Training  
Philosophy**

11:20–  
11:50

B

Shi Chen

Waseda University

**Nonlinear  
independent  
component  
analysis by AI  
methods**

11:50– 12:20	D	Yang Feng	New York University, School of Global Public Health	<b>Unsupervised Federated Multi- task Learning for Heterogeneous Tasks</b>
12:20– 13:50	Lunch Break			
13:50– 14:20	C	Junhui Wang	Department of Statistics and Data Science, Chinese University of Hong Kong	<b>Learning nonparametric graphical model on heterogeneous network-linked data</b>
14:20– 14:50	C	Yingying Li	Hong Kong University of Science and Technology	<b>Site Percolation Network Models for Event-Driven Systems</b>

14:50– 15:20	C	Kengo Kato	Department of Statistics and Data Science, Cornell University.	<b>Statistical theory for Gromov- Wasserstein distances</b>
15:20– 15:40	<b>Coffee Break</b>			
15:40– 16:10	D	Daisuke Kurisu	University of Tokyo	<b>Geodesic Difference-in- Differences</b>
16:10– 16:40	D	Shosei Sakaguchi	University of Tokyo	<b>The Identification Power of Combining Experimental and Observational Data for Distributional Treatment Effect Parameters</b>

16:40–  
17:10

D

Yoshikazu Terada

Graduate School of  
Engineering Science, The  
University of Osaka

**A Theory of  
Nonparametric  
Covariance  
Function  
Estimation**

## March 28, 2026 (Saturday)

Time	Session	Speaker	Affiliation	Title
8:30–9:00	E	Ziang Liu	Hosei University	<b>Integrating Machine Learning and Optimization for Decision Making in Supply Chain Management</b>
9:00–9:30	E	Catherine Chunling Liu	The Hong Kong Polytechnic University, Department of Data Science & AI	<b>Self-supervised PET Imaging Analysis of the Whole- body</b>

**OrganMetabolic  
Network in  
Obesity among  
the General  
Population**

9:30–  
10:00

E

Jin-Ting Zhang

National University of  
Singapore

**Distance-Based  
ANOVA for  
Testing Equality  
of Distribution**

10:00–  
10:20

**Coffee Break**

10:20–  
10:50

F

Andrey Vasnev

University of Sydney

**Corrected  
Forecast  
Combinations**

10:50–  
11:20

F

Chu-An Liu

Institute of Economics,  
Academia Sinica

**Least Squares  
Averaging  
Estimation of  
Additive Partially  
Linear Models  
with Imputed**

## Covariates

11:20– 11:50	F	Binyan Jiang	The Hong Kong Polytechnic University, Department of Data Science & AI	<b>False Discovery Rate Control via Bi-Gaussian Mirrors</b>
11:50– 12:20	F	Wenjie Wang	Nanyang Technological University, Economics, School of Social Sciences	<b>Cluster-Robust Inference for Quadratic Forms</b>
12:20– 13:50	<b>Lunch Break</b>			
13:50– 14:20	G	Yichao Wu	University of Illinois Chicago, Department of Mathematics, Statistics & Computer Science	<b>Variable selection for partially linear models and partially global Fréchet regression</b>

## Empirical Bayes

14:20– 14:50	G	Takeru Matsuda	The University of Tokyo	<b>1-bit matrix completion</b>
14:50– 15:20	G	Jinjia Zhou	Hosei University, Department of Applied Informatics	<b>Controllable Generative AI for Visual Content</b>
15:20– 15:50	G	Guillaume Braun	Riken AIP - Tokyo	<b>Spectral Gradient Descent Mitigates Anisotropy-Driven Misalignment: A Case Study in Phase Retrieval</b>
15:50– 16:10	<b>Coffee Break</b>			
16:10– 16:40	H	Wei Luo	Zhejiang University, Center for Data Science	<b>On non-redundant and</b>

**linear operator-  
based nonlinear  
dimension  
reduction**

16:40–  
17:10

H

Ben Dai

Department of Statistics,  
The Chinese University of  
Hong Kong

**ReHLine:  
Regularized  
Composite  
ReLU-ReHU Loss  
Minimization with  
Linear  
Computation and  
Linear  
Convergence**

17:10–  
17:40

H

Shunta Akiyama

Cyberagent, Inc.

**Spectral  
Analysis of  
Machine  
Unlearning: A  
Perspective  
from Benign  
Overfitting**

17:40–

H

Qingfeng Liu

Hosei University

**Rethinking**

18:10

**Monolithic  
Artificial  
Superintelligence**

## March 29, 2026 (Sunday)

Time	Session	Speaker	Affiliation	Title
10:00– 12:00	Discussion on Research and Education in the Age of AI			



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Program page prepared for March 26–29, 2026.



### **Organized under TEDS**

Transdisciplinary Econometrics  
& Data Science Seminar