



シカゴ大学
The University of Chicago



東京大学
The University of Tokyo

The Second International Interdisciplinary Faculty Forum
of the University of Chicago and the University of Tokyo

Perspectives on Big Data

March 12, 2018

Agenda

8:30am Coffee Reception

8:45am **Opening Remarks**

Daniel Diermeier Provost
The University of Chicago

Sekimura Naoto Vice President & Deputy Director General, Division of International Affairs
The University of Tokyo

Consul General of Japan, the Honorable Ito Naoki
Consulate-General of Japan in Chicago

9:00am **Panel 1: Big Data and Macro Systems**

Product Turnover and Price Dynamics

Watanabe Tsutomu Professor, Graduate School of Economics
The University of Tokyo

Big Data Software

Michael Franklin Liew Family Chair of Computer Science
The University of Chicago

Chair

Nakajima Takahiro Professor, Institute for Advanced Studies on Asia
The University of Tokyo

9:55am **Panel 2: Big Data and the Universe**

Birth of the Universe

Murayama Hitoshi Professor of Physics & Director, Kavli Institute for the Physics and Mathematics of the Universe
The University of Tokyo

Fate of the Universe

Michael Turner Bruce V. & Diana M. Rauner Distinguished Service Professor of Astronomy, Astrophysics, and Physics
The University of Chicago

Chair

Tomita Taisuke Professor, Graduate School of Pharmaceutical Sciences
The University of Tokyo

10:50am Break

11:05am **Panel 3: Big Data and Healing**

Modeling the Long-Term Progression of Alzheimer's Disease Using Clinical Databases

Tokuda Keita Researcher, The University of Tokyo Hospital
The University of Tokyo

Big Data from Clinical Trials to Improve the Development and Use of Cancer Drugs

Manish Sharma Assistant Professor of Medicine
The University of Chicago

Chair

Mark Ratain, M.D. Leon O. Jacobson Professor of Medicine
The University of Chicago

12:00pm Lunch hosted by UChicago Global and the Center for East Asian Studies

1:15pm **Panel 4: Big Data and the Humanities**

Retrospect and Prospect of Humanities Studies in the Digital Age

Shimoda Masahiro Professor, Graduate School of Humanities and Sociology
The University of Tokyo

Literature as Data: From Counting to Cultural Analytics

Hoyt Long Associate Professor of Japanese Literature, East Asian Languages and Civilizations, and the College
The University of Chicago

Chair

James Ketelaar Professor of Japanese History, East Asian Languages and Civilizations, and the College
The University of Chicago

2:10pm **Panel 5: Big Data and Policy**

Financial Frictions at the Firm Level: Global Perspectives

Ueda Kenichi Associate Professor, Graduate School of Public Policy and Graduate School of Economics
The University of Tokyo

Policing with Big Data

Jeffrey Grogger Irving Harris Professor in Urban Policy
The University of Chicago

Chair

Nishimura Akira Professor, Graduate School of Humanities and Sociology
The University of Tokyo

3:05pm Break

3:20pm **Panel 6: Big Data and Biomedicine**

Cancer Big Data Analysis with Supercomputers

Miyano Satoru Professor, Institute of Medical Science
The University of Tokyo

How Data Commons are Changing the Way We Analyze, Integrate, and Share Large Biomedical Datasets

Robert Grossman Frederick H. Rawson Professor of Medicine
The University of Chicago

Chair
Nakamura Yusuke, M.D. Professor of Medicine, Departments of Medicine and Surgery
The University of Chicago

4:45pm

Concluding Remarks

Kurokawa Mineo Professor, The University of Tokyo Hospital
The University of Tokyo

Kurachi Soichiro MBA'85 and President, Japan Corn Starch Co., Ltd.

Melina Hale Vice Provost for Academic Initiatives
The University of Chicago

5:00pm

Closing Reception

This forum was co-coordinated by Professors James Ketelaar and Mark Ratain, M.D., of the University of Chicago and Professors Zhong Yijiang, Nakajima Takahiro, and Kurokawa Mineo of the University of Tokyo.

Generous support by UChicago Global, the Committee on Japanese Studies at the Center for East Asian Studies of the University of Chicago, and the Division of International Affairs of the University of Tokyo has made this event possible. A special thanks to Mr. Kurachi Soichiro, President, Japan Corn Starch Co., Ltd., for his many generous contributions to cooperative international studies.