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-ordinated 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.

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