

Tokyo Smart City Symposium

Date: **Monday, March 20, 2017**

Venue: **Lecture Room 141, Faculty of Engineering Building 14, The University of Tokyo**

Access Information → <http://www.t.u-tokyo.ac.jp/soee/access.html>

Co-Hosts:

School of City and Regional Planning and School of Architecture, College of Design,
Georgia Institute of Technology

Global Carbon Project Tsukuba International Office, National Institute for Environmental Studies
Department of Urban Engineering, School of Engineering, The University of Tokyo

International Alliance for Sustainable Urbanization and Regeneration

Urban Design Center of Misono

This is a symposium on urban systems design and planning of smart cities held in conjunction with the 2017 Misono Smart City Studio led by Dr. Perry Yang at Georgia Institute of Technology. To participate, please send a message to Dr. Akito Murayama (event@up.t.u-tokyo.ac.jp).

13:30-13:40 Greetings from the Co-Hosts

1. Smart City as Urban Systems Design (USD)

13:40-14:10 The New Science of City: Integrating City Science and City Design

- Michael Batty (*University College London*)

14:10-14:25 Urban Systems Design as a Science

- Yoshiki Yamagata (*Global Carbon Project, NIES, Tsukuba*)

14:25-14:40 Urban Systems Design as a Design

- Perry Yang (*Georgia Institute of Technology*)

14:40-14:55 Smart City by Interaction Design and IoT

- Ellen Do (*Georgia Institute of Technology*)

14:55-15:15 Break

2. Smart City: Connecting Planning in Tokyo and Misono

15:15-15:30 Tokyo's Urban Environment and Planning

- Akito Murayama (*The University of Tokyo*)

15:30-15:45 Why should We Worry about Long-Term Sustainability Transition in Misono?:
a Local Resident's Perspective

- Masahiro Matsuura (*Meiji University*)

15:45-16:00 Objectives of the Misono Smart City

- Yuki Okamoto (*Urban Design Center of Misono*)

- Kanae Matsui (*Tokyo Denki University*)

3. Panel Discussion on the Studio for Sustainable Urban Systems Design

[Facilitators: Perry Yang, Akito Murayama and Yoshiki Yamagata]

16:00-16:15 Outline: Performance Modeling *[representatives from Georgia Tech + NIES]*

16:15-16:30 Outline: Conceptual Design *[representatives from Georgia Tech + The Univ. of Tokyo]*

16:30-16:45 Outline: Interactive Design, IoT and Community Engagement
[representatives from Georgia Tech + Keio Univ.]

16:45-17:30 Panel Discussions:

How can We Achieve Transformative & Sustainable Urban Systems Design?