



MIRAI Sustainability Scientific Session: October 2018 PROGRAM



As of September 14, 2018

Main topic:

Sustainability: Linked to the UN Sustainable Development Goals (SDGs)

Sub-topics:

1. New energy techniques
2. Water resources

Venue: Sophia University Yotsuya Campus, 7-1 Kioi-cho, Chiyoda-ku, Tokyo 1028554, Japan
17th floor of the Building No. 2

Day 1: Thursday, October 11

Moderator: Professor Guangwei Huang, Sophia University

Venue: room 2-1702

- 9:00 Welcome remark by Professor Yoshiaki Terumichi, President of Sophia University
- 9:05 Opening remark by Professor Hidetoshi Sekiguchi, Vice President for International Affairs, Tokyo Institute of Technology
- 9:15 Keynote lecture 1 by Professor Tielong Shen, Sophia University
Title: Cyber-Physical System: a New Paradise for Control Technology of Sustainable Transportation System
- Q & A
- 10:00 Coffee break
- 10:30 Collaboration progress since Lund 2017
- 11:00 Briefing on poster by each researcher (one minute per person with one slide)
- 12:00 Lunch break Venue: 3rd floor of the Building No. 13
- 13:00 Poster session Venue: 17th floor of the Building No. 2
- 15:00 Coffee break
- 15:30 Parallel group discussions
- Discussion Groups
- Group 1: Environment & water resources
 - Group 2: Combined group of “Sustainable energy” and “Emerging technology for sustainability (including membrane)”
- Presentation by each researcher: 15 minute lecture and 5 minute Q&A
See attachment (p.3) for order, timing and venues.
- 18:30 End of day 1 program
- 18:45 Reception
- Venue: Sophia University Faculty Club, 17th floor of the Building No. 6
- 21:00 Closing of reception

Day 2: Friday, October 12

- 9:00 Keynote lecture 2 by Professor Georgia Destouni, Stockholm University
Title: "Hydro-Climate, Water Resources and Drought Variability and Change Across Spatiotemporal Scales, World Regions and Geospheres"
Q & A
Venue: room 2-1702, 17th floor of the Building No. 2
- 9:45 Parallel group discussions (cont'd), summarizing discussions (including coffee break)
Venues: Group 1 -room 2-1522b, Group 2 -room 2-1701
- 11:00 Presentation of summary by each discussion group
Moderator: Professor Björn-Ola Linnér, Linköping University
Venue: room 2-1702, 17th floor of the Building No. 2
- 11:30 Wrap up and way forward
Moderator: Professor Björn-Ola Linnér, Linköping University
- 12:00 Closing

[Afternoon activity options]

1. Laboratory tour on Sophia campus
Approximately 1 hour, starting at 13:00
2. Water resources field trip on a boat in Kandagawa river (up to 11 persons)
Approximately 2.5 hours, leaving the campus soon after the session
3. Free time until the Innovation Interworking Session (16:30) or closing ceremony (17:30)

- 16:30-17:30 Innovation Taskforce Interworking Session (strongly recommended to attend)
Venue: Waseda University
- 17:30-18:00 Closing ceremony
Venue: Waseda University
- 18:00-18:30 Move to dinner place
- 18:30 Farewell dinner
Venue: (TBA, close to Waseda University)

Contact: MIRAI Sustainability Secretary
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Attachment: Order and timing for presentations at the parallel group discussions

(Prefix omitted)

<Group 1: Environment & water resources>

Venue: Room 2-1522b, 15th floor of the Building No. 2

Moderators:

Georgia Destouni, Stockholm University

Guangwei Huang, Sophia University

Presentations:

Day 1, Thursday, October 11

15:30-15:50 Agneta Andersson, Umeå University

15:50-16:10 Pierre de Wit, Gothenburg University

16:10-16:30 Lan Wang Erlandsson, Stockholm University

16:30-16:50 Jonathan Roques, Gothenburg University

16:50-17:10 Federico Micolucci, Lund University

17:10-17:30 Tomonori Kindaichi, Hiroshima University

17:30-17:50 Takehiro Watanabe, Sophia University

Representing the group of 3 researchers listed below

Ewa Machotka, Stockholm University

Mikiko Sugiura, Sophia University

Takehiro Watanabe, Sophia University

17:50-18:10 Nobuhiro Suzuki, Sophia University

18:10-18:30 Manabu Fujii, Tokyo Institute of Technology

Day 2, Friday, October 12

9:45-10:05 Blicharska Malgorzata, Uppsala University

10:05-10:25 Thomas Pettersson, Chalmers University of Technology

<Group 2: Combined group of “Sustainable energy” and “Emerging technology for sustainability (including membrane)”>

Venue: Room 2-1701, 17th floor of the Building No. 2

Moderators:

Björn-Ola Linnér, Linköping University

Toshinori Tsuru, Hiroshima University

Presentations:

Day 1, Thursday, October 11

15:30-15:50 Lisa Åkerlund, Uppsala University

15:50-16:10 Wei-Chao Chen, Uppsala University

16:10-16:30 Ahmed Mohammed Nazem Elreedy, Tokyo Institute of Technology

16:30-16:50 Arata Katayama, Nagoya University

16:50-17:10 Frank Lipnizki, Lund University

17:10-17:30 Keiya Nishida, Hiroshima University

17:30-17:50 Masamichi Nishihara, Kyushu University

17:50-18:10 Yui Nishio, Sophia University

18:10-18:30 Sethu SAVEDA Suvanam, Uppsala University

Day 2, Friday, October 12

9:45-10:05 Maria Taljegård, Chalmers University of Technology

10:05-10:25 Sepher Shakeri Yekta, Linköping University