

Japan–Singapore Joint-Call Workshop for “AI”

Agenda

1. Date and Time

Friday, August 23, 2024, at:

- ✓ (Singapore Time) 1:00 PM - 5:05 PM
- ✓ (Japan Time) 2:00 PM - 6:05 PM

2. Online Meeting Information

Zoom Webinar (please register from [here](#))

3. Theme

Main Topic: AI

- Cutting-Edge AI Technologies Aimed at Societal Transformation

Subtopics:

- AI for Smart Cities (incl. development of AI modeling and IoT technology to optimize urban infrastructure and services)
- AI for Sustainability (incl. development of AI algorithms to optimize energy usage, resource allocation, and environmental monitoring)
- AI for Trust and Safety (incl. development of AI-powered systems to design robust cybersecurity and safeguard user privacy)
- AI for Linguistic Diversity (incl. development of large-scale language models to accommodate diverse languages and promote cultural preservation and linguistic inclusivity)

4. Objective

- ✓ To explore potential collaborative research ideas through a dialogue between Japanese and Singaporean researchers to share each other's research themes and interests. To guide new research directions and build a team of researchers.
- ✓ To announce the JST–A*STAR joint call and inform researchers of important points regarding the submission.

5. Chairs and Speakers

Chairs

Session A Tomohiro SHIBATA (Professor, Graduate School of Life Science and Systems Engineering, Kyushu Institute of Technology)

Session B Bernice KHOO (Director, National AI Group, Ministry of Digital Development and Information)

Keynote Speaker

Masahiko INAMI (Professor, Research Center for Advanced Science and Technology, University of Tokyo)

Subtopic 1 “AI for Smart City”

Japan Yusuke HARA (Associate Professor, Graduate School of Information Sciences, Tohoku University)

Singapore Qin ZHENG (Senior Principal Scientist I, Institute of High Performance Computing, A*STAR)

Subtopic 2 “AI for Sustainability”

Japan Masakazu SUGIYAMA (Director/Professor, Research Center for Advanced Science and Technology, University of Tokyo)

Singapore He BINGSHENG (Vice Dean (Research), School of Computing, National University of Singapore)

Subtopic 3 “AI for Trust and Safety”

Japan Kazutoshi SASAHARA (Professor, School of Environment and Society, Tokyo Institute of Technology)

Singapore Liu Yang (Executive Director, Cyber Security Research Centre, Nanyang Technological University)

Subtopic 4 “AI for Linguistic Diversity”

Japan Sakriani SAKTI (Professor, Division of Information Science, Nara Institute of Science and Technology)

Singapore Leslie TEO (Senior Director, AI Products, AI Singapore)

6. Program

Moderator: Diana ADNAN (A*STAR)

Japan (JST)	Singapore (SGT)	Program	Speaker	Time
14:00-14:05	13:00-13:05	Opening Remarks	Eriko KISHIDA (JST)	5 min
14:05-14:25	13:05-13:25	Keynote Session	Masahiko INAMI (University of Tokyo)	20 min
14:25-14:40	13:25-13:40	Introduction of the Joint Call	Takafumi SASAKI (JST) and Diana ADNAN (A*STAR)	15 min
<p>Session A:</p> <p>Subtopic 1 “AI for Smart Cities (incl. development of AI modeling and IoT technology to optimize urban infrastructure and services)”</p> <p>Subtopic 2 “AI for Sustainability (incl. development of AI algorithms to optimize energy usage, resource allocation, and environmental monitoring)”</p> <p><i>Each speaker will have 15 minutes for talk</i></p> <p>Chair: Tomohiro SHIBATA (Kyushu Institute of Technology)</p>				
14:40-14:55	13:40-13:55	Subtopic 1 from Singapore	Qin ZHENG (A*STAR)	15 min
14:55-15:10	13:55-14:10	Subtopic 1 from Japan	Yusuke HARA (Tohoku University)	15 min

15:10-15:25	14:10-14:25	Subtopic 2 from Japan	Masakazu SUGIYAMA (University of Tokyo)	15 min
15:25-15:40	14:25-14:40	Subtopic 2 from Singapore	He BINGSHENG (National University of Singapore)	15 min
15:40-16:10	14:40-15:10	Pannel discussion for Subtopic 1 and 2 <i>Speakers discuss possibilities for collaborative research, and open questions from the audience</i>	Chair and Speakers from Session A	30 min
16:10-16:30	15:10-15:30	Coffee Break		20 min
Session B: Subtopic 3 “ <u>AI for Trust and Safety</u> (incl. Development of AI-powered systems to design robust cybersecurity and safeguard user privacy)” Subtopic 4 “ <u>AI for Linguistic Diversity</u> (incl. development of large-scale language models to accommodate diverse languages and promote cultural preservation and linguistic inclusivity)” <i>Each speaker will have 15 minutes for talk</i> Chair: Bernice KHOO (Ministry of Digital Development and Information)				
16:30-16:45	15:30-15:45	Subtopic 3 from Japan	Kazutoshi SASAHARA (Tokyo Institute of Technology)	15 min
16:45-17:00	15:45-16:00	Subtopic 3 from Singapore	Liu YANG (Nanyang Technological University)	15 min
17:00-17:15	16:00-16:15	Subtopic 4 from Singapore	Leslie TEO (AI Singapore)	15 min
17:15-17:30	16:15-16:30	Subtopic 4 from Japan	Sakriani SAKTI (NAIST)	15 min
17:30-18:00	16:30-17:00	Pannel discussion for Subtopic 3 and 4 <i>Speakers discuss possibilities for collaborative research, and open questions from the audience</i>	Chair and Speakers from Session B	30 min
18:00-18:05	17:00-17:05	Closing Remarks	Ek Siang OEIJ (A*STAR)	5 min