

MIRAI 2.0 AI-TEG Workshop

Theoretical aspects and foundations of AI



Date: April 26 9:00-11:00 (SWE) / 16:00-18:00 (JPN)
Venue: Zoom

*URL will be sent to the speaker and participants by a day prior to the WS.

Program:

Time slot	Program
9:00-9:05 / 16:00-16:05	Opening Remarks by Prof. Jun'ichi Takeuchi (Co-Chair)
9:05-9:25 / 16:05-16:25	Presentation 1 by Fredrik Prántare, PhD student (Linköping U.) <i>"The Combinatorial Assignment Problem: Applications and Algorithms"</i>
9:25-9:45 / 16:25-16:45	Presentation 2 by Prof. Evgeny Osipov (Luleå U. of Technology) <i>"Vector Symbolic Architectures as the bridge between symbolic and connectionist AI"</i>
9:45-10:05 / 16:45-17:05	Presentation 3 by Prof. Yoshinari Takeishi (Kyushu U.) <i>"Studies on the Deep Learning Theory"</i>
10:05-10:25 / 17:05-17:25	Presentation 4 by Prof. Danilo V. Vargas (Kyushu U.) <i>"SyncMap - A New Paradigm for Learning Systems"</i>
10:25-11:00 / 17:25-18:00	General Discussion Closing Remarks by Prof. Takeuchi

*Each time slot for the presentation is allocated 15 mins presentation and following 5 mins Q&A session.

Online Registration:

Please complete the registration **by April 24** so that we can send the Zoom link before the WS.

<https://forms.office.com/Pages/ResponsePage.aspx?id=iV9x12qT90q7daV6yZZG-kQEBKG4fhhMgRfwoUQDLL5UQ1ZXTUQ1Q0M4M1BEQVpENDJJT1E3ODUzSy4u&lang=en-us>

Upcoming Workshops:

2) Biomedicine and Health *organized by Japanese side

May 18, 8:30- 10:30 (SWE) / May 18, 15:30-17:30 (JPN)

3) Political and Legal/Moral aspects of AI *organized by Swedish side

in late September (TBD) *likely after the Sep. 25

4) Industry 5.0 and Society 5.0 *organized by Swedish side

in October (TBD)