

MIRAI 2.0 AI-TEG Workshop

Biomedicine and Health



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

Venue: Zoom

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

Program:

Time slot *1	Program
8:30-8:35 / 15:30-15:35	Opening Remarks by Prof. Jun'ichi Takeuchi (Co-Chair)
8:35-8:55 / 15:35-15:55	Presentation 1 by Dr. Yutaka Jitsumatsu, Associate Prof. (Tokyo Tech *2) <i>"Improving Magnetic Resonance Imaging with Artificial Intelligence"</i>
8:55-9:15 / 15:55-16:15	Presentation 2 by Dr. Robert Lowe, Senior Lecturer (Gothenburg U.) <i>"Digital and AI methods for Cognitive Training to help prevent dementia"</i>
9:15-9:35 / 16:15-16:35	Presentation 3 by Dr. Itaru Kaneko, Research Fellow (Tohoku U.) <i>"Machine learning based classification and identification of heart rate variability among human child and Macaca, difference and common characteristics"</i>
9:35-9:55 / 16:35-16:55	Presentation 4 by Dr. Foteini Simistira Liwicki, Senior Lecturer, and Dr. Rajkumar Saini, Postdoc (Luleå U. of Technology) <i>"Using machine learning to analyze brain data"</i>
9:55-10:30 / 16:55-17:30	General Discussion Closing Remarks by Prof. Takeuchi

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

*2 Prof. Jitsumatsu is currently working at Tokyo Tech under the faculty exchange program between Kyushu University.

Online Registration:

Please complete the registration **by May 16** so that we can send the Zoom link before the WS.

<https://forms.office.com/Pages/ResponsePage.aspx?id=iV9x12qT90q7daV6yZZG-kQEBKG4fhhMgRfwoUQDLL5UQ0UyTkIwNVkzNE02WERDMDdKWDBTN1BUNi4u&lang=en-us>

Upcoming Workshops;

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)