

Tuesday, October 9 (Venue: Campus Innovation Center, Tokyo Institute of Technology)
Scientific Committee Meeting

14:00-16:00	Steering Committee (STC) Pre-meeting
16:30-17:30	Scientific Committee (SC)
19:00-21:00	Welcome Reception (buffet style) <i>by Invitation Only</i> Venue: <i>Ambassador's Residence, Embassy of Sweden in Tokyo</i>

Wednesday, October 10 (Venue: Yasuda Auditorium, The University of Tokyo)

MIRAI Plenary Session

Theme: Sustainable Social System and Technology for Ageing Society

9:30-10:00	Opening Ceremony <i>President Seiichi Matsuo (Nagoya University)</i> <i>Vice Chancellor Torbjörn von Schantz (Lund University)</i> <i>Minister Yoshimasa Hayashi</i> <i>(Ministry of Education, Culture, Sports, Science and Technology)</i> <i>Ambassador Magnus Robach (Swedish Embassy to Japan)</i> <i>President Makoto Gonokami (The University of Tokyo)</i>		
10:00-10:20	Japan-Sweden Joint Statement Signing Ceremony ~Strengthening Science and Technology Cooperation~		
10:20-10:30	Group Photo		
10:30-11:30	Keynote Lecture(1) <i>Prof. Anders Ynnerman (Linköping University)</i>		
11:30-11:50	Break		
11:50-12:50	Keynote Lecture(2) <i>Prof. Hiroshi Amano (Nagoya University)</i>		
12:50-14:10	Lunch		
14:10-15:55	Panel Discussion <i>Moderators: Mr. Stefan Noreén (Former Swedish Ambassador to Japan)</i> <i>Prof. Haruko Noguchi (Waseda University)</i> <table border="0" style="width: 100%; margin-top: 10px;"> <tr> <td style="width: 50%; vertical-align: top;"> Part 1 <i>Dr. Björn Slaug (Lund Univ)</i> <i>Dr. Masateru Higo (Kyushu Univ)</i> <i>Dr. Martin Andersson</i> <i>(Chalmers Univ of Technology)</i> <i>Dr. Yasuhide Inokuma (Hokkaido Univ)</i> <i>Dr. Yuto Kitamura (The Univ of Tokyo)</i> <i>Dr. Susanne Kelfve (Linköping Univ)</i> <i>Dr. Malgorzata Blicharska</i> <i>(Uppsala Univ)</i> </td> <td style="width: 50%; vertical-align: top;"> Part2 <i>Dr. Yoshihiko Kadoya (Hiroshima Univ)</i> <i>Dr. Silke Kern (Göteborg Univ)</i> <i>Dr. Ken Aoki (Sophia Univ)</i> <i>Dr. Marta Bally (Umeå Univ)</i> <i>Dr. Katarina Bendtz (Stockholm Univ)</i> <i>Dr. Takuji Yamada</i> <i>(Tokyo Institute of Technology)</i> </td> </tr> </table>	Part 1 <i>Dr. Björn Slaug (Lund Univ)</i> <i>Dr. Masateru Higo (Kyushu Univ)</i> <i>Dr. Martin Andersson</i> <i>(Chalmers Univ of Technology)</i> <i>Dr. Yasuhide Inokuma (Hokkaido Univ)</i> <i>Dr. Yuto Kitamura (The Univ of Tokyo)</i> <i>Dr. Susanne Kelfve (Linköping Univ)</i> <i>Dr. Malgorzata Blicharska</i> <i>(Uppsala Univ)</i>	Part2 <i>Dr. Yoshihiko Kadoya (Hiroshima Univ)</i> <i>Dr. Silke Kern (Göteborg Univ)</i> <i>Dr. Ken Aoki (Sophia Univ)</i> <i>Dr. Marta Bally (Umeå Univ)</i> <i>Dr. Katarina Bendtz (Stockholm Univ)</i> <i>Dr. Takuji Yamada</i> <i>(Tokyo Institute of Technology)</i>
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15:55-16:15	Break		
16:15-17:15	Introduction & Discussion Session for Funding Agencies <i>Dr. Andreas Göthenberg (Swedish Foundation for International Cooperation in Research and Higher Education: STINT)</i> <i>Dr. Joakim Appelquist (Sweden's Innovation Agency: Vinnova)</i> <i>Video Presentation by Prof. Sven Stafström (Swedish Research Council: SRC)</i> <i>Mr. Norifumi Ushio (Japan Society for the Promotion of Science: JSPS)</i> <i>Dr. Yoshimasa Goto (Japan Science and Technology Agency: JST)</i> <i>Mr. Yutaka Hishiyama (Japan Agency for Medical Research and Development: AMED)</i>		
17:15	Plenary Session Closing <i>President Astrid Söderbergh Widding (Stockholm University)</i>		
18:30-20:30	150th Anniversary Banquet (seated-style) <i>by Invitation Only</i> Venue: <i>Hotel Chinzansou, Tokyo</i>		

Thursday, October 11, Subject Scientific Committee (SSC) Scientific Sessions Day 1

Time	Sophia University (fl. 17, Bldg. 2)	The University of Tokyo (Bldg. 3, Faculty of Engineering)	Waseda Univ Venue 1 (fl. 3, International Conference Center)	Waseda Univ Venue 2 (fl. 3, International Conference Center)	Waseda Univ Venue 3 (fl. 3, International Conference Center)	Time
8:30	Sustainability Day 1		Ageing Day 1		Innovation Day 1	
9:00	9:00 Welcome Remarks 9:05 Opening Remarks	Materials Science Day 1		8:30 Registration 9:00-9:10 Opening Remark	9:00-12:30 Theme "Innovation Perspective for the Future" Moderator: Prof. Kobayashi (Waseda Univ.) Opening Address: Mr. M. Ueda (MFXT)	8:30
9:30	9:15 Keynote Lecture 1: Prof. Tielong Shen (Sophia University) "Cyber-Physical System: a New Paradise for Control Technology of Sustainable Transportation System" Q & A	9:45 Registration	9:10-9:50 Keynote : Prof. Tetsuya Ogata (Waseda University) "AI Robot Technology for the Ageing Society"	9:10-9:50 Keynote : Prof. Tetsuya Ogata (Waseda University) "AI Robot Technology for the Ageing Society"	Keynote Speeches Mr. Katsumata (INCJ) Q&A	9:00
10:00	10:00 <Coffee Break> 10:30 Collaboration Progress since Lund 2017	10:00-10:10 Opening Remarks Prof. Yasuchika Hasegawa (Hokkaido Univ.) 10:10-10:40 Keynote Lecture 1: Prof. Kazuki Sada (Hokkaido Univ) "Functional Composites of Metal Organic Frameworks by Post-Synthetic Modification". 10:40-11:10 Keynote Lecture 2: Prof. Eva Olsson Chalmers Univ. of technology "Site Specific Direct Correlation Between Atomic Structure and Properties in Nanostructured Materials". 11:10-11:20 Group Photo 11:20-13:00 Poster Session	9:50-10:10 Q & A 10:30-12:10 Session 1: Oral Presentation "Collaborative Project Proposal on Ageing" Chaired by Prof. Morten Fjeld (Chalmers University of Technology)	9:50-10:10 Q & A 10:30-12:10 Session 1: Oral Presentation "Collaborative Project Proposal on Ageing" Chaired by Prof. Morten Fjeld (Chalmers University of Technology)	Short Speeches and Panel Discussion Theme "Innovation Eco-system" Moderator: Dr. Jacob (Embassy of Sweden)	9:30
11:00	11:00 Briefing on Poster by each Researcher	13:00-14:00 <Lunch>	12:10-13:30 <Lunch>	12:10-13:30 <Lunch>	Short Speeches Panel Discussion Keynote Speaker + Short Speakers	10:00
12:00	12:00 <Lunch>	14:00-15:30 Parallel Session: Group 1 "Advanced characterization of materials and surfaces" 15:30-16:00 <Coffee Break>	13:30-14:50 Session 1 Continues: Chaired by Prof. Takayuki Akimoto (Waseda University)	13:30-14:50 Session 1 Continues: Chaired by Prof. Takayuki Akimoto (Waseda University)	12:30-14:00 <Lunch>	10:30
13:00	13:00 Poster Session *Poster session may include postings by graduate students and researchers from the institutions affiliated with MIRAI project.	16:00-17:00 Parallel Session: Group 1 (Continued) 17:00-17:05 Close 18:00-20:00 <Dinner>	14:50-15:10 <Coffee Break> 15:10-16:10 Session 1 Continues:	14:50-15:10 <Coffee Break> 15:10-16:10 Session 1 Continues:	14:00-16:20 Theme "Venture Case Studies and Technology Transfer" Q & A	11:00
13:30	15:00 <Coffee Break>	16:00-17:00 Parallel Session: Group 2 (Continued)	16:10-17:10 Lecture 1: "How to Write Grant Proposal and how that is evaluated"	16:10-17:10 Lecture 1: "How to Write Grant Proposal and how that is evaluated"	16:20-16:40 <Coffee Break>	12:00
14:00	15:30-18:00 Parallel Session: Group 1 "Environment & water resource" Parallel Session: Group 2 "Sustainable energy" Parallel Session: Group 3 "Emerging technology for sustainability"	17:00-17:05 Close	17:10-17:30 <Coffee Break> 17:30-17:50 Making Groups for group discussion on the 2nd day 17:50-18:00 Debrief of Day 1	17:10-17:30 <Coffee Break> 17:30-17:50 Making Groups for group discussion on the 2nd day 17:50-18:00 Debrief of Day 1	16:40-18:00 Group Discussion: What did you learn and what to take forward? Moderator: Mr. Yamamoto (The Univ. of Tokyo)	12:30
14:30	All nominated young researchers will give presentation based on the abstract to be submitted in advance (max 15 minutes per person followed by 5 minutes of Q&A)	18:00-20:00 <Dinner>	18:00-19:00 Poster session with finger foods 19:00- 19:30 Move to Dinner place 19:30-21:00 <Dinner>	18:00-19:00 Poster session with finger foods 19:00- 19:30 Move to Dinner place 19:30-21:00 <Dinner>	18:30-21:30 <Dinner>	13:00
15:00	18:00 Close 18:15-20:30 <Reception at Sophia Univeristy Faculty Club>					13:30
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Friday, October 12, Subject Scientific Committee (SSC) Scientific Sessions Day 2 and Wrap-up Sessions

Time	Sophia University (fl. 17, Bldg. 2)	University of Tokyo (Bldg. 3, Faculty of Engineering)	Waseda Univ Venue 1 (fl. 3, International Conference Center)	Waseda Univ Venue 2 (fl. 3, International Conference Center)	Waseda Univ Venue 3 (fl. 3, International Conference Center)	Time
8:30	Sustainability Day 2		Ageing Day 2	Innovation Day 2		
9:00	9:00 Keynote Lecture 2: Prof. Georgia Destouni (Stockholm University) "Hydro-Climate, Water Resources and Drought Variability and Change Across Spatiotemporal Scales, World Regions and Geopheres" Q & A	Materials Science Day 2		9:00-10:00 Lecture2: "How to write great proposal and how that is evaluated" Chaired by Prof. Martin Ingelsson (Uppsala U.)	9:00-12:00 Theme "Entrepreneurship" Moderator: Prof. Shimaoka (Waseda Univ.)	9:00
9:30						9:30
10:00	9:45 Parallel group discussions, summarizing discussions	10:00-12:00 Parallel Session: Group1 (Continued)	10:00-12:00 Parallel Session: Group2 (Continued)	10:00-12:00 Session2: Group discussion for making draft applications Chaired by Prof. Tkayuki Akimoto (Waseda University) 3-5 smaller groups are formed to discuss more in detail. Each group takes coffee break during this period.		10:00
10:30						10:30
11:00	11:00 Presentation of Summary by each discussion group				10:50-11:10 <Coffee Break>	11:00
11:30	11:30 Wrap up and way forward				11:10-12:00 Workshop Moderators: Prof. Shimaoka (Waseda University) Dr. Persson-Fischier (Sweden)	11:30
12:00	12:00 Closing	12:00-13:00 <Lunch>		12:00-13:00 <Lunch>	12:00-13:00 Prof. Shimaoka (Waseda University) Dr. Persson-Fischier (Sweden)	12:00
13:00	[Afternoon activity options] 1. Laboratory tour on Sophia campus (approximately 1 hour) 2. Field trip on water resource on river boat in Kandagawa (approximately 2.5 hours) *Up to 11 persons 3. Free time until the Innovation interworking session or closing ceremony	13:00-15:00 Parallel Session: Group1 (Continued)	13:00-15:00 Parallel Session: Group2 (Continued)		13:00-14:50 <Lunch>	13:00
13:30				13:30-14:30 Session2 continues	Theme: "Sum-up and future plan to 2019 and beyond" Moderator: Mr. Kobavashi (JST)	13:30
14:00						14:00
14:30				14:30-15:45 Session3: Group presentation to share the result of discussion and draft applications		14:30
15:00					15:00-16:20 Wrap-Up Scientific Committee	15:00
15:30		15:00-15:30 Wrap up/ Closing		15:30-15:45 Closing remark End of Ageing Session	Wrap-Up Scientific Committee	15:30
16:00					MIRAI Inter-WG Session	16:00
16:30					16:30-17:30 Innovation Inter-WG Session Closing Remarks: Dr. M. Jacob (Embassy of Sweden)	16:30
17:00					Closing Ceremony	17:00
17:30					17:30-17:40 Closing Ceremony	17:30