



MIRAI Workshop
Tokyo, 2-5 June, 2019

WORKSHOP – AGEING

Venue: Nihonbashi Life Science Hub
Room: 8th Floor Conference Room

**Theme: Furthering International Joint Research Promotion in the Field of Ageing:
Accelerating Implementation of Research into Practice**

Active and Healthy Ageing in Japan and Sweden – Individual, Group, and Population Perspectives

Sub-topics

- A) Demography and Determinants of Health
- B) New Technologies for the Ageing Society
- C) Health Promotion for the Ageing Society

Sub-topic A: Demography and Determinants of Health

- Population-based studies on the situation in Japan and in Sweden
- Cross-national comparative research with potential to increase the knowledge and understanding of determinants of health and longevity in ageing societies
- Lifestyle factors

Sub-topic B: New Technologies for the Ageing Society

- Sensor/wearables/pervasive technologies helping older adults monitoring their health at home (health and medicine)
- Robot and communication technologies helping older adults carrying out their daily routines at home (accessibility and self-management)
- Robot and communication technologies helping older adults keeping contact with family and community (well-being)

Sub-topic C: Health Promotion for the Ageing Society

- Biological and medical sciences of ageing
 - Research and training on the molecular, cellular, genetic, and physiological mechanisms underlying normal ageing and age-related pathologies
 - Research and training on health promotion and preventative strategies for ageing populations
 - Physical and cognitive exercise, dietary interventions, and adaptations in the surrounding environment
- Social innovations and future policies for ageing societies
 - Socio-demographic and socio-economic aspects of different forms of health care, social services and housing
 - Health care and social service workers in the field
 - Social innovations and future policies for ageing societies
 - Lifelong learning for active ageing

Sunday 2 June 2019 (Excursion)

9:20	<i>Meet at Waseda TWIns</i>		Refer to Map ①
9:30-12:00 (2h30m)	Lab Tour		
12:00-12:30 (30min)	Move by bus		
12:30-13:30 (1h)	Lunch at Nanko Rest House		
13:30-14:00	Move by bus	13:30-14:30	Move by bus
14:00-16:00 (2h)	Fieldwork Refer to Doc. ① <i>Shintomi nursing home</i>	14:30-16:00 (1h30min)	Museum <i>Edo-Tokyo Museum</i>
16:00-16:30 (30min)	Move by Bus		
16:30-18:30 (2h)	Short trip to Asakusa or Skytree		Refer to Doc ②
18:30-21:00 (2h30m)	Recreation <i>Night Cruise</i>		Refer to Map ②

Monday 3 June 2019

9:30 (15min)	<i>Registration</i>	Refer to Map ③ and ③-2
9:45-9:55 (10min)	Opening remark: <i>by Prof. Masahiko Genma, Vice President for International Affairs, Waseda University</i> <i>Facilitated by Prof. Toru Asahi, Chairman SSC Ageing, Waseda University</i>	
9:55-10:25 (30min)	Keynote: “Robot-assisted Reminiscence Group Therapy for Older Adults: Innovative interdisciplinary research on social robots” <i>by Prof. Hiroko Kase Faculty of Human Sciences, Waseda University</i>	
10:25-10:45 (20min)	Q&A	
10:45-11:00 (15min)	Coffee break	
11:00-12:00 (1h)	Session 1: Group Presentation from ongoing collaborative research groups <i>Chaired by Prof. Haruko Noguchi, Waseda University</i> (15 minutes presentation + 5 minutes Q&A) ① 11:00-11:20 “Ageism in long term care for older people in Japan, Sweden, and the United States: A qualitative comparative study” <i>Yoshiisa Hirakawa, Nagoya University</i> ② 11:20-11:40 “Building egressibility in an aging society” <i>Bjorn Slaug/Steve Schmidt, Lund University</i> ③ 11:40-12:00 “Can we target precision health using a digital approach ?” <i>Thomas Svensson, University of Tokyo</i>	
12:00-13:20 (1h20m)	Lunch	

13:20-15:00 (1h30m)	<p><i>Session 2: Presentation from startup business perspective Chaired by Prof. Takayuki Akimoto, Waseda University</i></p> <p>(15 minutes presentation + 5 minutes Q&A)</p> <p>④ 13:20-13:40 “Oral care robot “Development and future vision” <i>Gen, Sakaeda, Waseda University</i></p> <p>⑤ 13:40-14:00 “Driver Agent for Encouraging Safe Driving Behavior” <i>Takahiro Tanaka, Nagoya University</i></p> <p>⑥ 14:00-14:20 “The Okumikawa Medical Project: an academia–industry–local government collaboration to advance the fulfillment, productivity, and health of an aging society” <i>Hitoshi Hirata, Nagoya University</i></p> <p>⑦ 14:20-14:30 ”Housing Enabler” <i>Prof. Susanne Iwarsson and Dr Björn Slaug (Lund University)</i></p> <p>⑧ 14:30-14:40 “Minut” (Studentproject runned by Buster Bark and Charlie Forshaw) <i>Dr. Marie Löwegren (Lund University)</i></p> <p>⑨ 14:40-14:50 “Curiosity, research and clinical experience transformed into a start-up” <i>Prof. Leif Dahlberg (Lund University)</i></p> <p>⑩ 14:50-15:00 Q&A</p>
15:00-15:10 (10min)	Coffee break
15:10-16:30 (1h20m)	<p><i>Session 3: Presentation from each researcher (who expect to have joint research in the future) Chaired by Prof. Joakim Bergstroem, Uppsala University</i></p> <p>(15 minutes presentation + 5 minutes Q&A)</p> <p>⑪ 15:10-15:30 “Is there a trade-off between mortality selection and disabilities in exceptionally old age? Evidence from the 5-COOP” <i>Stefan Fors, Stockholm University</i></p> <p>⑫ 15:30-15:50 “1-year incidence and outcomes of post-stroke sarcopenia in older patients” <i>Ya Su, Hokkaido University</i></p> <p>⑬ 15:50-16:10 “Living with dignity in palliative care” <i>Anna Sandgren, Linnaeus University</i></p> <p>⑭ 16:10-16:30 “Numeracy, health and finances in old age” <i>Par Bjalkebring, University of Gothenburg</i></p>
16:30-16:45 (15min)	Coffee break
16:45-18:05 (1h20min)	<p>⑮ 16:45-17:05 “Aging, Exercise and Brain health” <i>Carl-Johan Boraxbekk, Umeå University</i></p> <p>⑯ 17:05-17:25 “ Extending Working Life: Experiences from Sweden” <i>Haodong Qi, Stockholm University</i></p> <p>⑰ 17:25-17:45 “Electromyography, Pattern Recognition, and Biofeedback for Stroke and Spinal Cord Injury Rehabilitation” <i>Adam Naber, Chalmers University of Tech</i></p> <p>⑱ 17:45-18:05</p>

	“Aspect of stem cell research in utilization of microgravity environment” <i>Takeshi Imura , Hiroshima University</i>
18:05-18:15 (10min)	Debrief of Day 1 <i>by Prof. Morten Fjeld, Chairman SSC Ageing, Chalmers University of Technology</i>
19:00-	Networking Party @ Nihonbashi Suminoe Refer to Map ③

Tuesday 4 June 2019

9:20	<u>Joint Workshop (Ageing and Innovation)</u>
9:20-9:30 (10min)	Explanation of Objectives: (Lund or Waseda)
9:30-10:30 (1h)	Ageing and Innovation Joint Entrepreneurship WS NABC Business Feasibility Workshop (1) <i>Chaired by Prof. Mikiko Shimaoka, Waseda University</i>
10:30-10:45 (15min)	Coffee break
10:45-12:00 (1h15min)	NABC Business Feasibility Mini Workshop (2) Group work (consist of Ageing and Innovation participants) *SSC meeting will be held at Room C
12:00-12:30 (30min)	Joint wrap up (Ageing and Innovation) <i>Chaired by Mikiko and Marie</i>
12:30-12:50 (20min)	<u>Information Sharing for Innovation & Ageing.</u> Short presentation : Horizon Europe: The third pillar ”Open Innovation” by the Delegation of the EU to Japan <i>by Dr. Ramanauskas, The head of Science and Technology Section at the delegation of the EU to Japan</i>
12:50-14:00 (1h10min)	Lunch
14:00-14:40 (40min)	Session: (Ageing) Presentation by Participants of PhD short course at Gothenburg <i>Chaired by Prof. Susanne Iwarsson, Lund University</i> - Report from Noriko Watanabe, PhD Candidate, Waseda University (10min) - Report from Diego Oliveira, PhD Candidate, Waseda University (10min) - Report from Prof. Kase (10min) - Report from Prof. Susanne Iwarsson (10min) Q&A (10 min)
14:40-15:00 (20min)	Coffee break
15:00-17:00 (2h)	Poster session: - Lightning Talk (two minutes pitch) from each presenter <i>Chaired by Prof. Yuto Kitamura, University of Tokyo</i> - Open exhibition All the participants are welcomed to have the poster session. Participants who will not give an oral presentation are compulsory.

*SSC meeting will be held at Room C

- ① **“Participation in the Evaluation of an Exergaming Platform for Heart Failure Patients: Do Age, Gender and Health Status Matter?”**
Arianna Poli, Linköping University
- ② **“Risk factors of Non-communicable diseases among the older population in Asian and African lower-income countries”**
Chifa Chiang, Nagoya University
- ③ **“Old-age employment and pension context in Sweden and Japan”**
Stefanie Koenig, University of Gothenburg
- ④ **“Spillover effect of Japanese long-term care insurance as an employment promotion policy for family caregivers”**
Rong FU, Waseda University
- ⑤ **“Multidimensional Subtypes of Harmful Alcohol Use in Adults Aged 50 Years and Older: A Latent Class Analysis on Indicator Items from the Swedish Addiction Severity Index Data”**
Wossenseged Birhane Jemberie, Umeå University
- ⑥ **“Neighborhood and health - Impact of Geographical Proximity on Health”**
Saori Kashima, Hiroshima University
- ⑦ **“Working conditions as predictors of successful aging”**
Charlotta Nilsen, Stockholm University
- ⑧ **“Effects of behavioral change guidance on cognitive functions and health behaviors through Nordic Walking activities”**
Noriko Watanabe, Waseda University
- ⑨ **“What is the nature of post-retirement jobs in Sweden?”**
Loretta Platts, Stockholm University
- ⑩ **“Implementing Welfare Technology in the municipality – Evaluation of an interactive showroom”**
Susanne Gustafsson, University of Gothenburg
- ⑪ **“Contribution to medicinal science and preventive medicine by using the plant-derived lactic acid bacteria”**
Masafumi Noda, Hiroshima University
- ⑫ **“Interactive visualization tools for improving empowerment and treatment of Parkinson's disease patients”**
Ilir Jusufi, Linnaeus University
- ⑬ *Satoshi Yoshida, Waseda University*
- ⑭ **“Drivers and Challenges for Aged Society regarding New technologies”**
Sarfraz Iqbal, Linnaeus University
- ⑮ **“A participatory approach to design global technologies for Healthy Aging”**
Sarah Cosentino, Waseda University

End of Ageing Session

17:00-17:20 (20min)	10min. Walk to COREDO Nihonbashi	
17:20-17:50 (30min)	WASEDA NEO campus visit (optional)	
18:00	Meet at the meeting point	Refer to Map ③
18:00-18:30 (30min)	Move by Bus	
19:00	Reception at Sweden Embassy in Tokyo	

Wednesday 5 June 2019

9:50	Meet at Sony Corporation (Shinagawa) https://www.sony.net/SonyInfo/CorporateInfo/Data/Map/index.html	Refer to Map ④
10:00- 11:30	Study visit at Sony Creative Lounge and showroom	
11:30-12:00	Move by Busi	
12:00-13:30	Study visit at Inspired Lab https://inspiredlab.jp/	
13:30-	Free	

*To SSC Members;

13:30- 15:00

Final wrap up toward the November seminar and beyond