



MIRAI Workshop
Gothenburg, 14-15 June 2018



WORKSHOP – AGEING

Venue: Chalmers University of Technology (Lindholmen Campus)
Lindholmen Science Park, Gothenburg, Sweden

Room: Pascal

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

Focus of this workshop will be on sub-topics A and C (regarding C, social and care aspects) whereas focus of the workshop in October 2018 will be on sub-topic B and C (regarding C, biomedical aspects).

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 C: Health Promotion for the Ageing Society

- 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

Sub-topic B: New Technologies for the Ageing Society (for planning purpose only)

- 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 (for planning purpose only)

- 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

Thursday 14 June 2018

08:30	Registration and coffee/breakfast
09:00	Opening remark by Prof. Anders Palmqvist, Vice President of Chalmers University of Technology Facilitated by Prof. Morten Fjeld, Chairman SSC Ageing, Chalmers University of Technology
09:15	Session, “Sub-topic A”: Demography and Determinants of Health Chaired by Prof. Yuto Kitamura, The University of Tokyo Keynote: Human life is unlimited – but short, Prof. Holger Rootzen, Chalmers University of Technology
10:00	Interactive panel discussion 1) Prof. Holger Rootzen, Chalmers University of Technology 2) Prof. Yuto Kitamura, The University of Tokyo 3) Prof. Haruko Noguchi, Waseda University 4) Dr. Susanne Kelfve, Linköping University
10:20	“Sub-topic A”: Early career researchers with experience from past and ongoing Swedish-Japanese collaborations: Oral presentation - Chaired by Prof. Boo Johansson, University of Gothenburg 10.20 Collaboration project between Stefanie König (University of Gothenburg), Rong Fu (Waseda University) and Mojgan Padyab (Umeå University): Health care disparities among elderly- A comparative study on the role of family systems between Sweden and Japan.
10:40	Coffee break
11:10	“Sub-topic A”: Oral presentations (cont.) 11.10 Predicting resilience towards multi-morbidity pattern among older population in Europe: A latent class analysis, Ailiana Santosa, Umeå University 11.20 Cognition before and after retirement, Linn Elena Zulka, University of Gothenburg 11.30 Independent ageing in old Swedish men, Kristin Franzon, Uppsala University 11.40 Bio-behavioral markers of cognitive aging, Marcus Praetorius Björk, University of Gothenburg 11.50 The role of retirement on health care use, Stefanie König, University of Gothenburg 12.00 Collecting survey data among older people – Challenges and opportunities, Susanne Kelfve, Linköping University 12.10 Impact of the perceived environment on the health of older adults, Steven Schmidt, Lund University
12:30	Lunch
13:30	Group session for early career researchers – Facilitated by Prof. Morten Fjeld and Prof. Takayuki Akimoto 13.30 Introduction to group session: Theme: Funding possibilities for research collaboration between Sweden and Japan 13.50 Group discussions *please see participant list for group listings following page Topic A 4 people for 3 groups Topic C 4 people for 1 group, 5 people for 1 group
15:00	Coffee break 15.10 Group discussions (cont.) 15:40 Reports & summary from group session incl. discussion *During group session the SSC members visit each group to follow the session and give advice. During the group sessions the SSC member meeting will be held in parallel to discuss collaboration modalities incl. upcoming activities for the workshop in Japan, October 2018.
16:00	Debrief of Day 1 – by Prof. Takayuki Akimoto, Waseda University
16:10	End of Day 1
16:30	Mingle / Poster session at Dome of Vision
18:00	Boat departs from Lindholmen to Eriksberg
18:30	Dinner at River Restaurant by the Pier

- 09.00 **Session, “Sub-topic C”: Health Promotion for the Ageing Society**
Chaired by Prof. Susanne Iwarsson, Lund University
Keynote: Exercise and dietary lifestyle for senior health, *Prof. Mitsuru Higuchi, Waseda University*
- 09:45 **Interactive panel discussion**
1) *Prof. Mitsuru Higuchi, Waseda University*
2) *Prof. Susanne Iwarsson, Lund University*
3) *Assoc Prof. Max Jair Ortiz Catal, Chalmers University of Technology*
4) *Assoc Prof. Yoshihisa Hirakawa, Nagoya University*
- 10.05 **“Sub-topic C”: Oral presentations**
Chaired by Prof. Håkan Fischer, Stockholm University
- 10.05 Designing Art and Social Inclusion in the Ageing society, *Tsukasa Muraya, Kyushu University*
10.15 Social participatory design of technologies for the Ageing Society, *Sarah Cosentino, Waseda University*
- 10.25 Coffee break
- 10.55 10.55 Dignity and autonomy of Japanese older people, *Yoshihisa Hirakawa, Nagoya University*
11.05 Brain aging from the points of mitochondria and cannabinoid, *Kosuke Kataoka, Waseda University*
11.15 Digital Environment for Cognitive Inclusion, *Monika Jurkevicate, Chalmers University of Technology*
11.25 Coordinated Value-Propositions for Older Patients with Chronic and Multiple Illnesses, *Erik Eriksson, Chalmers University of Technology*
11.35 Inter-individual variability of resting redox biomarkers and its related factors, *Takuji Kawamura, Waseda University*
- *short announcement by Prof. Håkan Fischer*
Connecting subtopic C and B for introduction to workshop in October in Tokyo
- 11.45 Establishing requirements for an eHealth solution in diabetes care (including sub-topic B aspects), *Stefan Candefjord, Chalmers University of Technology*
11.55 Decoding of motor volition for assistance and rehabilitation (including sub-topic B aspects), *Max Jair Ortiz Catalan, Chalmers University of Technology*
12.05 Analytical Devices for Future IT Home Diagnosis in Aging Society, *STC Observer Prof. Kitamori, University of Tokyo*
- 12.30 Lunch
- 13.30 **Keynote:** Ageing epidemiology - from genes to society -, *Prof. Ingmar Skoog, University of Gothenburg*
Chaired by Prof. Martin Ingelsson, Uppsala University
- 14.15 **Interactive panel discussion**
1) *Prof. Ingmar Skoog, University of Gothenburg*
2) *Prof. Martin Ingelsson, Uppsala University*
3) *Dr. Tsukasa Muraya, Kyushu University*
4) *Ms. Kristin Franzon, Uppsala University*
- 14.35 Debrief of Day 2 – by *Prof. Morten Fjeld, Chairman SSC Ageing, Chalmers University of Technology*
- 14.45 Closing remark by *Prof. Toru Asahi, Chairman SSC Ageing, Waseda University*
- Comments/follow-up in preparation for October session including sub-topic B
- 15.00 Coffee
- 15.15 Guided tour at Lindholmen Science Park (approx. 45 min)
- 16.00 End of the meeting
- 16-17 Extra SSC member meeting for planning PhD course in 2019

Participants List

Group	Country	University	Participant	Sub-topic
1	Japan	Waseda University	Rong Fu	A
	Sweden	University of Gothenburg	Marcus Praetorius Björk	A
	Sweden	Linköping University	Susanne Kelfve	A
	Sweden	Lund University	Steven Schmidt	A
2	Japan	Hiroshima University	Masao Nakagawa	A
	Sweden	Stockholm University	Linda Kridahl	A
	Sweden	Umeå University	Mojgan Padyab	A
	Sweden	University of Gothenburg	Linn Elena Zulka	A
3	Japan	Waseda University	Haruko Noguchi	A
	Sweden	Umeå University	Ailiana Santosa	A
	Sweden	Uppsala University	Kristin Franzon	A
	Sweden	University of Gothenburg	Stefanie König	A
4	Japan	Kyushu University	Tsukasa Muraya	C
	Japan	Waseda University	Kosuke Kataoka	C
	Sweden	Chalmers University of Technology	Monika Jurkeviciute	C
	Sweden	Chalmers University of Technology	Stefan Candefjord	C (including B aspects)
5	Japan	Nagoya University	Yoshihisa Hirakawa	C
	Japan	Waseda University	Sarah Cosentino	C
	Japan	Waseda University	Takuji Kawamura	C
	Sweden	Chalmers University of Technology	Erik Eriksson	C
	Sweden	Chalmers University of Technology	Max Jair Ortiz Catalan	C (including B aspects)

Organizer

Keynote speaker	Japan	Waseda University	Mitsuru Higuchi
Keynote speaker	Sweden	Chalmers University of Technology	Holger Rootzen
Keynote speaker	Sweden	University of Gothenburg	Ingmar Skoog
SSC member	Sweden	Chalmers University of Technology	Morten Fjeld (chair)
SSC member	Japan	Waseda University	Toru Asahi (chair)
SSC member	Japan	The University of Tokyo	Yuto Kitamura
SSC member	Japan	Waseda University	Takayuki Akimoto
SSC member	Sweden	Lund University	Susanne Iwarsson
SSC member	Sweden	Stockholm University	Håkan Fischer
SSC member	Sweden	Uppsala University	Martin Ingelsson
SSC academic contact	Sweden	University of Gothenburg	Boo Johansson
STC Observer	Japan	The University of Tokyo	Takehiko Kitamori
Project Manager	Japan	Waseda University	Akihiko Niiho
Project Manager	Japan	Waseda University	Yuka Kitani
Project Manager	Japan	University of Tokyo	Akiko Kakuta
Project Manager	Sweden	Chalmers University of Technology	Daniela Michael
Project Manager	Sweden	Chalmers University of Technology	Jacqueline Plette
Project Manager	Sweden	University of Gothenburg	Kristin Rådesjö