



Our goals and ambitions (Team 1- Health and an ageing population)

- Contribute to long-term research collaborations (SE/JP)
- Tackle global challenges of ageing comprehensively and collaboratively

Team 1 aspires to contribute not only to the SE/JP collaborations but also to global issues that should be discussed and handled through the globe.

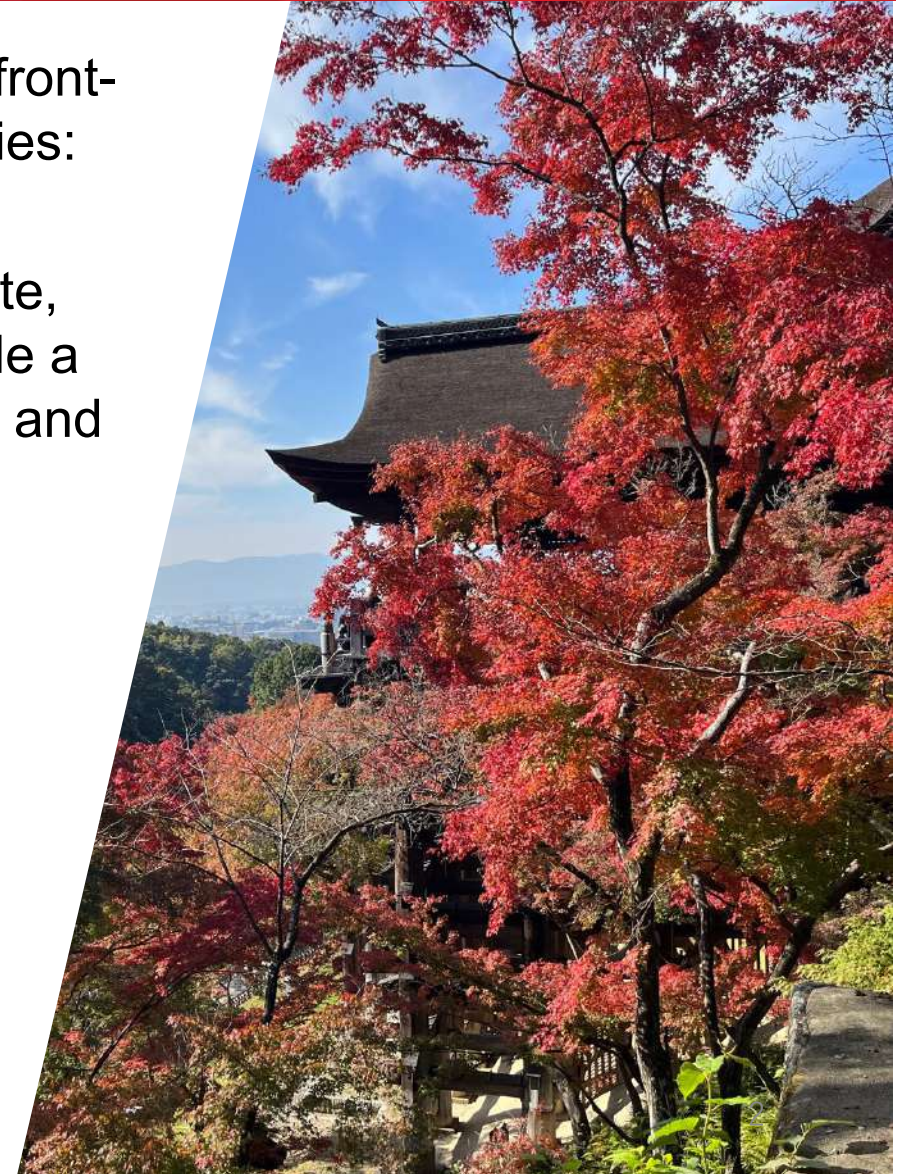
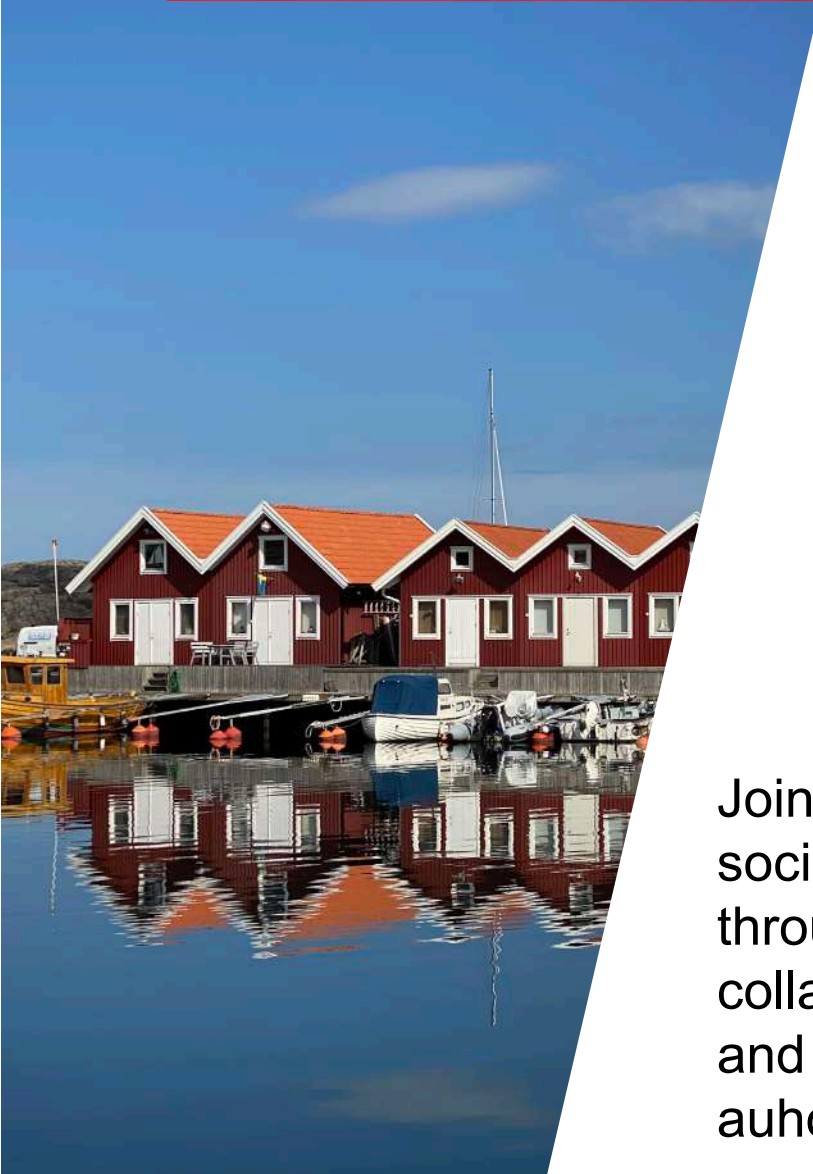


The bigger picture

SE/JP are considered as the front-runner of super-aged societies:

- SE is renowned for its comprehensive welfare state, which is designed to provide a high level of social security and equality for its citizens
- JP is considered to be the forefront of dealing with an ageing population

Join together to address global societal challenges of ageing through cross-sector collaboration with the support and attention of governments, authorities and the private sectors.





MIRAI 2.0 – Activities (R&I Week)

3 Research and Innovation weeks (R&I Weeks)

2021 (online)

4 keynote lectures, 35 presentations, 1 workshop, 1 matchmaking event

2022 (Kyushu University)

2 keynote lecture, 23 presentations, 1 special session

2023 (Umeå University)

8 presentations, 1 workshop





MIRAI 2.0 – Activities (TEG Ageing)

1 digital kick-off event

- Digital workshops within the thematic areas
 - How to build a fruitful MIRAI collaboration?
 - Ageing in a sustainable future
 - Ageing- Unlocking potential for new collaborations

TEG Ageing Workshop – Unlocking potential for new collaborations (in September 28 and 29, 2021)

- 4 Keynote lectures
- 5 presentations





MIRAI 2.0 – Achievements (TEG Ageing)

17 seed funded projects

Area	Title	Call
Ageing	Designing self-care for increased health of older people in the digital area; Lund University, Uppsala University, Waseda University.	Intsam
Ageing	Integrating human health and user comfort (with a special focus on elderlies and vulnerable groups while considering climate change and extreme weather events) through developing an AI based early-warning system. Lund University, Hiroshima University, NODA Intelligent systems.	Intsam
Ageing	Sustainable Ageing of Migrant Populations in Sweden and Japan and their Transnational Families in the Framework of Digital Technologies; Karlstad University, Tokyo University	Intsam
Ageing	Association between gut-barrier dysfunction and catabolic function of osteomacs in bone homeostasis	2021
Ageing	Co-designing digital self-care in later life	2021
Ageing	Comparison of components and determinants of quality of life among older LGBTQ+ people living in Japan and Sweden"	2021
Ageing	Digital engagement and oral care among older Japanese and Swedish adults	2021
Ageing	Healthy aging in place in urban Japan and Sweden	2021
Ageing	Identifying novel and unknown metabolic factors that are responsible to accelerate ageing	2021
Ageing	Living arrangement and healthcare utilization in aging societies: an intercountry comparison between Sweden and Japan	2021
Ageing	Social economic status, lifestyle factors, and brain aging: comparison between Japanese and Swedish Community Cohorts	2021
Ageing	Comparison of components and determinants of quality of life among older LGBTQ+ people living in Japan and Sweden *	2022
Ageing	Implementation and feasibility of a regulated, supramaximal high-intensity training program adapted for Japanese and Swedish older individuals living in the community	2022
Ageing	Older persons' social participation and digital engagement in and outside the home *	2022
Ageing	Targeting the axis of gut barrier dysfunction and osteal macrophages for prevention of bone fragility and osteoporosis in elderly *	2022
Ageing	The role of the living environments for health in the ageing society in times of crises	2022
Ageing	The use of metaphors in palliative care for older persons	2022



Pre-meeting of GCT Team 1

- **Online workshop**
- **5-minute pitches**
- **Some presentations about what happened in MIRAI 2**
- **Presentation of the seed-funded short course**
- **Webinars to showcase differences between SE / JP**
- **Discussion on “What is ageing”**

CONCLUSION

Workshops, webinars, invited speakers, networking events (World café and pitching events) on a regular basis to bring together many researchers

→ Creating new collaborations and joint projects, taking care of the already existing collaborations, and applying for funding for new projects.



Future possibility for collaboration (internationality and interprofessionality)

Life and Culture

Future Labor Market

Medicine: Prevention, Clinic, End-of-life

Social Design : Health promotion

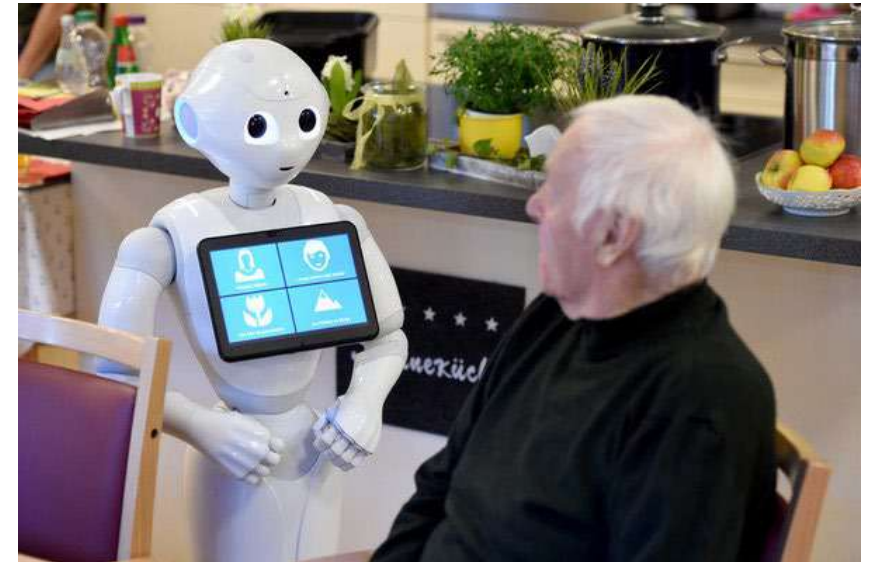
Policy : Community-based care system, Community development

Law : Discrimination (ageism) , Advocacy, Ethics, Welfare

Urban Engineering

AI / Robotics

etc...





Our team

Health and Ageing Population

- **Prof. Eleonor Kristoffersson** (Chair), Örebro School of Behavioral, Social and Legal Sciences
- **Associate Prof. Sofi Fristedt**, Jönköping School of Health and Welfare
- **Associate Prof. Anna Sandgren**, Linnaeus Department of Health and Caring Sciences
- **Prof. Marcus Liwicki**, Luleå Machine Learning
- **Associate Prof. Johan Niklasson**, Umeå Department of Community Medicine and Rehabilitation

Health and Ageing Population

- **Visiting Faculty Yoshihisa Hirakawa** (Chair), Nagoya Graduate School of Medicine
- **Prof. Mariko Naito**, Hiroshima Graduate School of Biomedical and Health Sciences (Dentistry & Oral Health Sciences)
- **Research Scientist Yuliya Kulikova**, OIST Science and Technology Group
- **Prof. Hitoshi Katsuta**, Kyushu Department of Medical Science and Technology, Faculty of Medical Sciences



Our role in Mirai

- Resilient cities and communities
 - How do we build a city or a community that fits for everyone irrespective for age? How do we prevent age discrimination? How should this be financed when there are less persons in working age?
- Climate Adaptation, Disaster and Risk Management and Prevention
 - Which are the challenges for older persons and for an ageing population?
- Materials for Energy Conversion and Storage
 - The lifespan perspective.