



Present at the MIRAI2.0 Research and Innovation week, Nov 13-17, 2023, Umeå University, Sweden

Researchers, PhD students and staff from MIRAI2.0 universities can apply to give a presentation at the MIRAI 2.0 Research and Innovation week, Umeå University, Sweden. The thematic focus of the presentations should be within the scientific areas of MIRAI 2.0 (Ageing, Materials Science, Sustainability, Artificial Intelligence and Innovation and Entrepreneurship).

About the event

This event gathers researchers, students, and university management from all 20 Swedish and Japanese MIRAI 2.0 member universities as well as research funding agencies and policy makers. It serves as a unique opportunity to share research, exchange ideas, broaden your network and strengthen collaboration between Sweden and Japan within research, innovation and education.

An essential part of the event is the parallel scientific sessions taking place on Tuesday, November 14 and consisting of workshops and presentation sessions within the MIRAI2.0 Thematic areas. *If you are interested in organizing workshops during the Research and Innovation week, please refer to the call for workshop proposals that has been prepared separately – [link to the call](#).*

Content and format

The presentation should relate to at least one of the thematic areas: Ageing, Materials Science, Sustainability, Artificial Intelligence and Innovation and Entrepreneurship. Note that requirements regarding content and format may differ between the thematic areas. More details such as presentation length and sub-topics are provided below:

Ageing

Presentations relating (but not limited) to the following topics are especially encouraged:

- Demographic changes and the Ageing population
- Ageing in a digital society
- Age friendly communities

Artificial Intelligence

We welcome presentations relating to the sub-theme: "Exciting Trends in Applied AI" and the following topics:

- Theoretical aspects and foundation of AI
- Political and Legal/Moral aspects of AI
- Biomedicine and Health
- Industry 5.0 and Society 5.0



Sustainability

Presentations relating (but not limited) to the following topics are especially encouraged:

- Sustainability transformations
- Affordable and clean energy
- Water governance for sustainability
- Responsible consumption and production
- Adaptation and disaster emergency response
- Addressing sustainability issues through transdisciplinary knowledge co-production
- Envisioning climate-resilient urban futures
- Sustainable transdisciplinary pathway provided by Biogas solutions
- Utilization of biobased/renewable materials to increase CO2 storage and lessen dependence of fossil based materials
- Use of AI methods for increased process efficiency in bio-industrial processes
- How local knowledge and intangible heritage of greying populations adds to sustainability
- Envisioning post-covid cities
- Voluntary carbon trading
- Natural capital management

Materials science

We welcome presentations relating to the following sub-themes:

- Advanced Materials
- Hydrogen Science
- Quantum Beam

Innovation and Entrepreneurship

We welcome presentations relating to the following sub-themes:

1. Entrepreneurship actors, activities, and processes:

- In new ventures
- In established firms

2. Sustainable entrepreneurship

Format for presentations within Innovation and Entrepreneurship: 15 minutes presentation + 5 minutes Q&A

Slots for presentations within Innovation and Entrepreneurship: there will be slots available for the presentations on Tuesday November 14, 09:00-11:30 AM.

Application:

Application including a one-page CV, presentation title and abstract (150 words) should be submitted through [this online form](#) by deadline May 31st

**Assessment & selection**

The final speakers will be decided by the relevant MIRAI 2.0 TEG/IEAG groups considering a balanced participation of speakers from both Swedish and Japanese universities. You will be notified of the result accordingly.

Important dates

Deadline to submit applications: May 31, 2023

Notification of selected presentations: June 27, 2023

Funding

Please note that the travel/accommodation fees are NOT provided from MIRAI 2.0 centrally even though you are selected a presentation speaker. You should cover them yourself or ask to the MIRAI project manager in your institution whether your home institution will be able to provide any financial support or not before the application. Visit our website for [contact details to your MIRAI project manager](#).

Contact

Email mirai@gu.se if you have any questions.

For more information about MIRAI2.0 visit www.mirai.nu