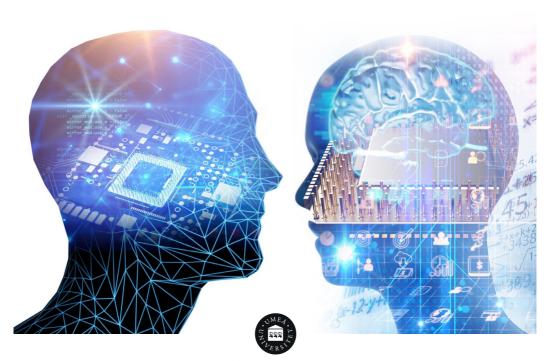# The National and International Network Retreat in AI and Medicine

May 29–30 2023

**hosted by The AI-council
at the Faculty of Medicine**

The network event will be held
at Granö Beckasin, Sweden.
The event will be sent online live:
umu.zoom.us/j/8689504249

UMEÅ UNIVERSITY

MAY 29

16:30–16:40 Opening Remarks and Introduction
Jenny Persson, MAI, UmU

Session 1: Lessons-learned in establishing strategic, multidisciplinary excellence centres and collaborations in AI

Chair: **Göran Larsson**, Head of Research, education and innovation, Region Västbotten

16:40–16:50 The AI Council at the Faculty of Medicine, UmU: Vision, long-term goals, strategic action plans and activities
Jenny Persson, Chair of the MAI, UmU

16:50–17:00 TAIGA – Centre for Transdiciplinary AI, UmU
Nina Sundström, Coordinator in the focus area AI in medicine and health at TAIGA

17:00–17:10 AI in digital imaging analysis, and the link to Data-Driven Life Sciences (DDLS)
Carolina Wählby, Professor, Uppsala University, DDLS steering group member

17:10–17:20 AIDA – A national-wide infrastructure and data hub
Joel Hedlund, Director for Analytical Imaging Diagnostics Arena (AIDA), Linköping University

Session 2: AI-Application in Precision Medicine, Patient Care and Biomedical Research

Chair: **Lars Lindsköld**, Västra Götalandsregionen, AI Sweden

17:20–17:30 AI-National Coordination in Digital Pathology for Precision Medicine
Kevin Sandeman, Head of the Pathology, SUS, Member of the National work group for Digital pathology

17:30–17:40 Interplay between natural and artificial intelligence
Paolo Medini, MAI, IMB, UmU

17:40–17:50 AI Precision Medicine in Pathology
Mattias Rantalainen, Karolinska Institutet. SwAIPP

17:50–18.10 Coffee break

Session 3: AI-Application in Education

Chair: **Marlene Sandlund**, MAI

18:10-18:20 MAIs initiative and activities in AI-Education
Madeleine Blusi, MAI

18:20–18:30 ChatGPT: from student's perspective
Karl Nyberg, MAI

Keynote Speech

Chair: **Anna Lundberg**, MAI

18:30–18:45 Overview of AI applications in Precision Medicine – Approaches of Stanford University Roxana Daneshjou, Stanford University

MAY 30

Session 4: Experiences on developing AI competence for future

Chair: **Johan Normark**, MAI

8:30–8:40 Strategies for forming broad AI networks-a case study from Lund and thoughts about nordic network of networks Kalle Åström, Professor, Centre for Mathematical Sciences, Coordinator, AI Lund

8:40–8:50 Coordinate teaching in AI/ML courses and program Krzysztof Bartoszek, Division of Statistics and Machine Learning, Department of Computer and Information Science, Linköping University

8:50-8:55 Information on behalf of Katrine Riklund, Professor, Pro-vice chancellor, UmU. EUCAIM, Develop an EU "atlas" of cancer-related images

Session 5: Workshop Discussion and Networking: How to strategically move forward together

Chairs: **Jenny Persson**, **Lars Lindsköld**, **Karl Åström**, **Göran Larsson** and **Christer Grönlund**

8:55–10:30
The topics for the discussion will be presented by the session chairs on-site. The participants will be devided into 5 groups for parallel discussions.

10:30-10:40: Conclusion remarks

11:30-12:30 Lunch at Granö

13:10 Departure

Granö Beckasin

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Lund University, Karolinska Institutet, Stanford University,
UmU Hospital, Skåne University Hospital, SWAIPP,
AI Sweden, RISE and GenXPro

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