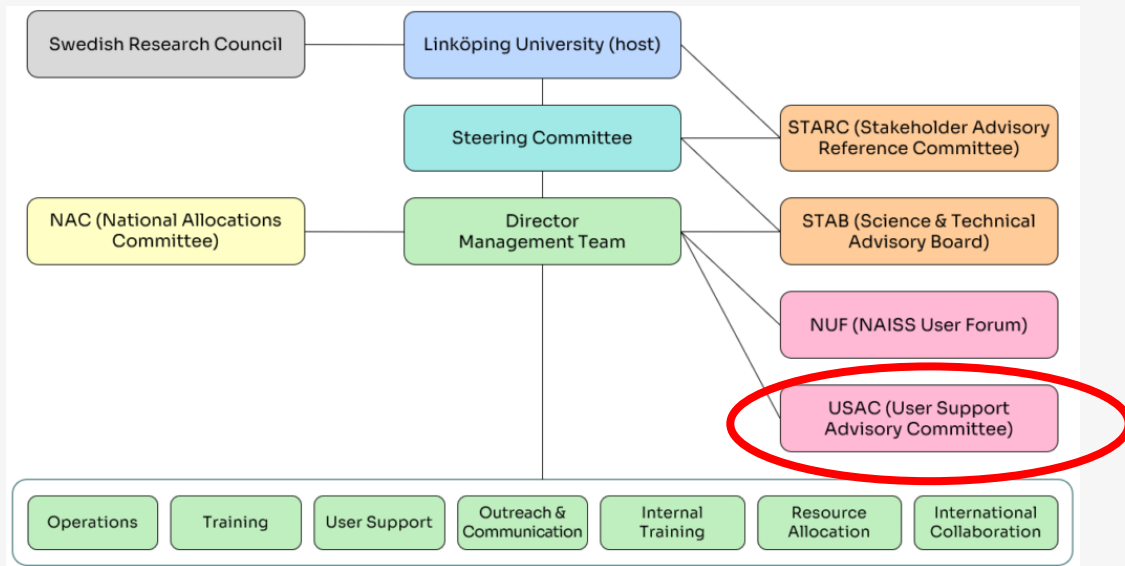


USAC

User Support Advisory Committee

Marie Skepö, Lund University

What is USAC?



- Advisory committee to the operational part of NAISS
- User voice and representation directly into NAISS organisation
- A forum for input to NAISS and outreach to users

Who is USAC?



Marie Skepö (LU)
Chair of USAC
Biophysical Chemistry



Åsa Johansson (UU)
Vice-chair of USAC
Human genomics and
precision medicine



Florian Trybel (LiU)
Computational Solid
State Physics



Nicolas Delhomme (SLU)
Bioinformatics



Michael Holmboe (Umeå)
Computational Geochemistry



Mikael Carp (KI)
IT-Research Support



Adalberto Perez (KTH)
Computational Fluid Dynamics



Anna Lewinschal (SU)
Climate Modelling



Debasmita Samaddar (NAISS)
User Support Manager

A Mandate from NAISS 2024

"We are organizing user support in a new way. We are appointing a permanent User Support Advisory Committee to be the eyes and ears of the users, working together with our support organization and providing continuous feedback. The users will have a solid influence and we want them to be rest assured that we are there for them (NAISS webpage)."

With this mandate in hand, it was up to us to shape the mission and define how we would work.

A Bridge between Users and NAISS

Represent the user perspective within NAISS

Strengthen the dialogue between users, USAC, and NAISS

Focus on the technical conditions that enable excellent research

USAC advises:
NAISS turns the input into **action**.

How does USAC work?

Hear what users need through meetings, miniuser forums, and local networks.

Identify recurring challenges and formulate concrete advice.

Feed the user perspective into NAISS. NAISS staff take work forward

Listen → Discuss → Bring it forward

Development and Progression



What is a miniusers forum?

Half-day meeting at a university

Users present their work and needs

Open dialogue on technical challenges and opportunities

Feedback is brought back to NAISS

Listen → Discuss → Improve

Getting started & support

“How do I get going?”

More basic support and practical tutorials

How to write proposals?

Hands-on contact matters: a face to the name

Using resources effectively

“How can I make the most of NAISS?”

Training, benchmarking and specialist software support

More flexibility for allocations and interactive use

Preparing for the future

“What comes next?”

CPU → GPU, AI/ML, and more portable codes

Storage, data sharing, cryo-EM, and access to EuroHPC resources

The CPU => GPU Transition

NAISS CPU resources have been/will be significantly reduced, with further constraints expected following the shutdown of Dardel in December 2026.

User Support is actively identifying GPU alternatives and helping users migrate where feasible.

GPU alternatives are still immature or unavailable for some workloads; discussions and support activities are ongoing.

Contact USAC

You are very welcome to contact us with questions, needs, ideas, or examples from your research.

Interested in hosting a minuser forum at your university? We would be happy to visit!



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