How to Apply for a Project on Tetralith @NSC via SUPR: A Simple Example

National Supercomputer Centre (NSC) 26 August 2025







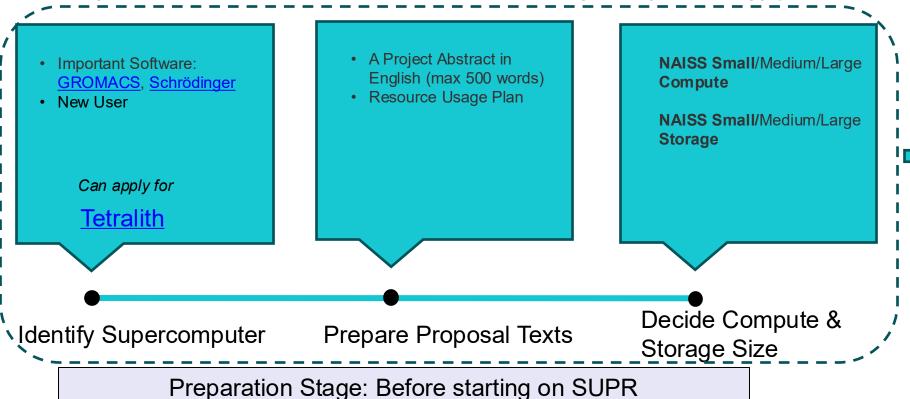
Application Pathway: From Eligibility to Final Submission

Who can apply as a Principal Investigator

Researcher in Swedish Academia having

- ➤ a Ph.D. Degree &
- an active account on SUPR

An Example case: a researcher wants to use GROMACS on a supercomputer and apply for a NAISS small project



Submit both
Compute and
Storage Proposals on
SUPR

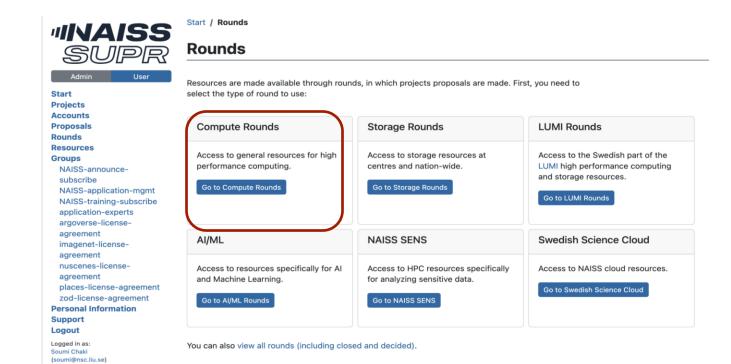
Submission on SUPR





NAISS Compute Project: Select Compute Rounds

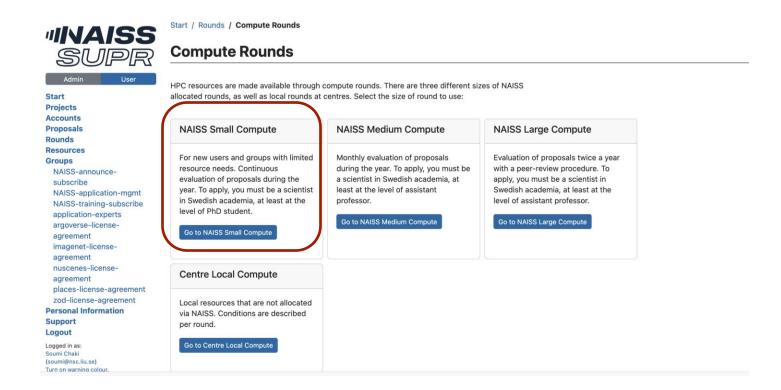
Start with creating a proposal for compute







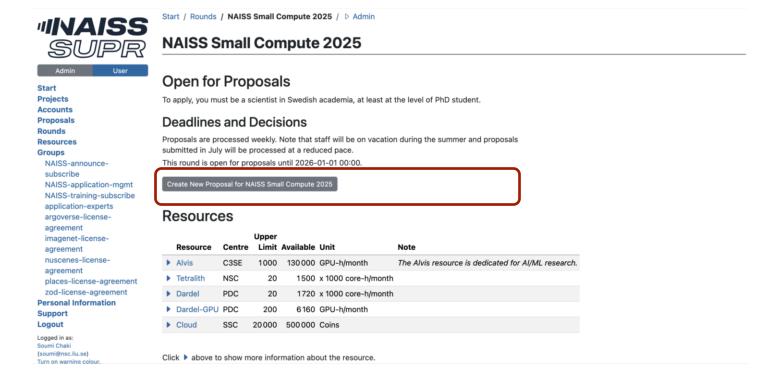
NAISS Compute Project: Select Size of a NAISS Compute Round







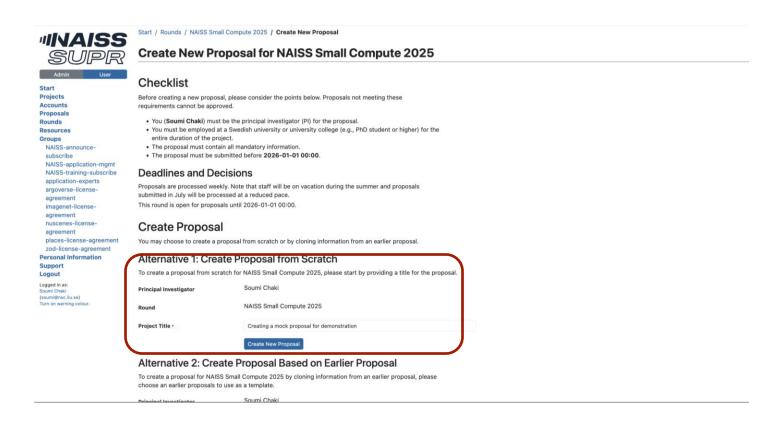
NAISS Compute Project: Start with Selected Compute Round







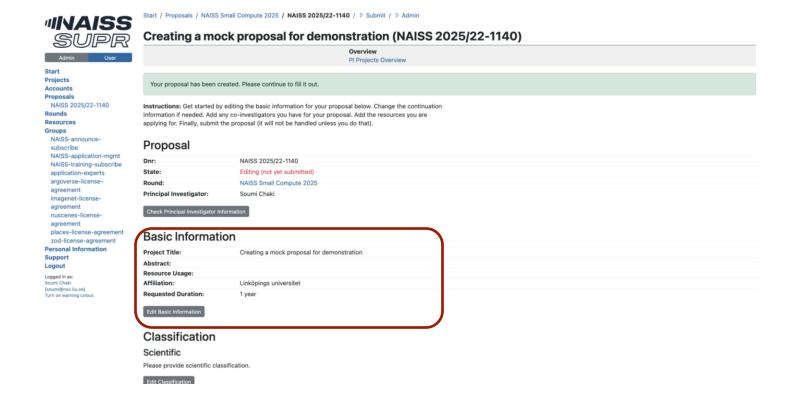
NAISS Compute Project: Create a Project Proposal







NAISS Compute Project: Check Individual Section of Project Proposal

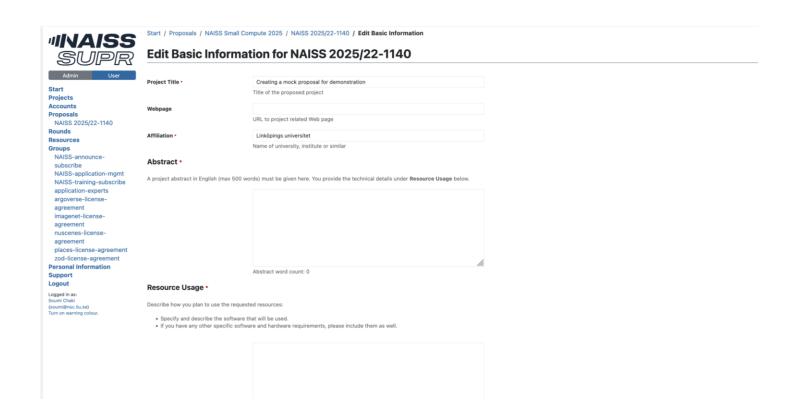


Check the Individual
Sections and Complete
them *Before* Submission





NAISS Compute Project: Start Editing Proposal with Basic Information



Most Important Components:

Abstract

8

Resource Usage Plan





NAISS Compute Project: Select Resource & Submit Completed Compute Project Proposal

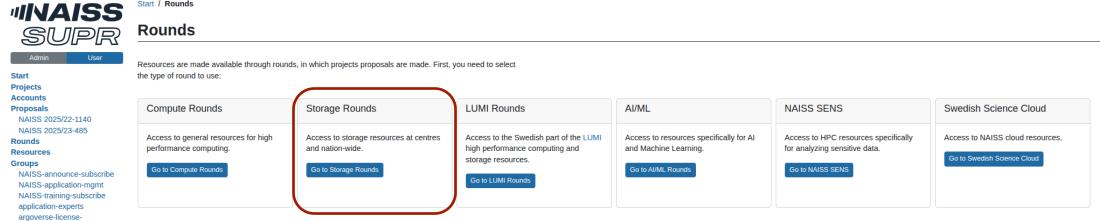
This proposal is not registered as a continuation of an earlier project. Add Resource (here, Tetralith @NSC) to Proposal Members When the project is created: • The PI and co-investigators of this proposal will become members of the project. **Before** Co-Investigators There are no co-investigators for this proposal. If you want to designate a proxy, you need to add that person as a co-investigator first. **Submission** Resources You have not added any resources to this proposal yet. To add a resource to the proposal, select the resource from the list below and press the Add Resource to Tetralith @ NSC Cancellation If you do not intend to submit the proposal for consideration, you can cancel it using the button below. Submission You need to submit the proposal if it is to be taken into consideration for allocation The submission deadline is 2026-01-01 00:00.





NAISS Storage Project: Select Storage Rounds

Next: Create & Submit a Project Proposal for Storage



You can also view all rounds (including closed and decided).



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Support Logout Logged in as: Soumi Chaki (soumi@nsc.liu.se) Turn on warning colour.

places-license-agreement zod-license-agreement Personal Information



NAISS Storage Project: Select Size of a NAISS Storage Round



Admin

Start

Projects

Accounts

Proposals

NAISS 2025/22-1140 NAISS 2025/23-485

Rounds

Resources

Groups

NAISS-announce-subscribe NAISS-application-mgmt NAISS-training-subscribe application-experts argoverse-license-

agreement

imagenet-license-

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nuscenes-license-

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Personal Information

Support Logout

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Storage Rounds

Storage resources are made available through storage rounds. There are different sizes of NAISS allocated rounds for centre storage and Swestore national storage, as well as local rounds at centres. Select the size of round to use:

NAISS Small Storage

Storage at NAISS centres and national dCache storage. The storage must be for use together with current or future NAISS compute projects.

Continuous evaluation of proposals during the year. To apply, you must be a scientist in Swedish academia, at least at the level of PhD student.

Go to NAISS Small Storage

NAISS Medium Storage

Storage at NAISS centres and national dCache storage. The storage must be for use together with current or future NAISS compute projects.

Monthly evaluation of proposals during the year. To apply, you must be a scientist in Swedish academia, at least at the level of assistant professor.

Go to NAISS Medium Storage

NAISS Large Storage

Storage at NAISS centres and national dCache storage. The storage must be for use together with current or future NAISS compute projects.

Evaluation of proposals twice a year with a peer-review procedure. To apply, you must be a scientist in Swedish academia, at least at the level of assistant professor.

Go to NAISS Large Storage

Centre Local Storage

Local resources that are not allocated via NAISS. Conditions are described per round.

Go to Centre Local Storage





NAISS Storage Project: Start with Selected Storage Round



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Start

Projects

Accounts

Proposals NAISS 2025/22-1140 NAISS 2025/23-485

Rounds

Resources

Groups
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NAISS-application-mgmt NAISS-training-subscribe

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Start / Rounds / NAISS Small Storage 2025 / ▷ Admin

NAISS Small Storage 2025

Open for Proposals

NAISS storage is working storage while actively processing data. It is typically highly stable, but there are no backups, data loss can occur, and it should not be entrusted with the only copy of valuable data.

The storage must be for use together with current or future NAISS compute projects. To apply, you must be a scientist in Swedish academia, at least at the level of PhD student

Deadlines and Decisions

Proposals are processed weekly. Storage proposals related to compute proposals will be handled after a decision is taken on the related compute proposal. Note that staff will be on vacation during the summer and proposals submitted in July will be processed at a reduced pace.

This round is open for proposals until 2026-01-01 00:00.

Create New Proposal for NAISS Small Storage 2025

Your Proposal

Proposal	Project Title	State
NAISS 2025/23-485	Creating a mock proposal for demonstrati	Editing

Resources

			Upper			•
	Resource	Centre	Limit	Available	Unit	Note
Þ	Cephyr NOBACKUP	C3SE	5 000	100 000	GiB	Storage attached to Alvis and Vera at C3SE.
•	Mimer	C3SE	5 000	150 000	GiB	The preferred project storage resource for Alvis. Currently only available from Alvis.
•	Centre Storage	NSC	5 000	575 000	GiB	Storage on Centre Storage at NSC for compute projects allocated time on NSC resources.
•	Klemming	PDC	5 000	500 000	GiB	Storage attached to Dardel at PDC
Þ	dCache	Swestore	10	100	TiB	NAISS can currently only approve storage on dCache at Swestore until 2026-01-01.

Click > above to show more information about the resource.





NAISS Storage Project: Create a Storage Project Proposal

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NAISS-application-mgmt NAISS-training-subscribe

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nuscenes-license

places-license-agreement

zod-license-agreement

Personal Information

agreement

agreement

Support

Logout

Logged in as: Soumi Chaki

(soumi@nsc.liu.se)

Start

Projects

Accounts

Proposals NAISS 2025/22-1140 NAISS 2025/23-485 Rounds Resources Grouns

Create New Proposal for NAISS Small Storage 2025

Existing Proposal

Please make sure that you are not creating a duplicate of an existing proposal in this round. You are already registred as a principal investigator, proxy or co-investigator for the following proposal in this round:

Name	Project Title
NAISS 2025/23-485	Creating a mock proposal for demonstrat

Checklist

Before creating a new proposal, please consider the points below. Proposals not meeting these requirements

- . You (Soumi Chaki) must be the principal investigator (PI) for the proposal.
- · The proposal must contain all mandatory information
- . The proposal must be submitted before 2026-01-01 00:00

Deadlines and Decisions

Proposals are processed weekly. Storage proposals related to compute proposals will be handled after a decision is taken on the related compute proposal. Note that staff will be on vacation during the summer and proposals submitted in July will be processed at a reduced pace.

This round is open for proposals until 2026-01-01 00:00.

Create Proposal

You may choose to create a proposal from scratch or by cloning information from an earlier proposal.

Alternative 1: Create Proposal from Scratch

To create a proposal from scratch for NAISS Small Storage 2025, please start by providing a title for the proposal.

Principal Investigator	Soumi Chaki
Round	NAISS Small Storage 2025
Project Title *	

Alternative 2: Create Proposal Based on Earlier Proposal		
To create a proposal for NAISS Small Storage 2025 by cloning information from an earlier proposal, please choose an earlier proposals to use as a template.		
Principal Investigator	Soumi Chaki	
Round NAISS Small Storage 2025		
Proposal to Clone *	NAISS 2025/22-1140 — Creating a mock proposal for demonstrati (NAISS Small Compute 20	
	Clone Proposal	

One can create a new proposal from scratch. or

Clone from an earlier created compute proposal





Projects

Rounds

Groups

Resources

Accounts

NAISS 2025/22-1140

NAISS 2025/23-485

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NAISS-application-mgmt

NAISS-training-subscribe

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nuscenes-licenseagreement

Personal Information

Support

Logout

Soumi Chaki

(soumi@nsc.liu.se) Turn on warning colour.

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Create Proposal for NAISS Small Storage 2025

Using Proposal NAISS 2025/22-1140 as Template

You are about to create a new proposal using the earlier proposal NAISS 2025/22-1140 as a template

Dnr:	NAISS 2025/22-1140
Project Title:	Creating a mock proposal for demonstration
State:	Editing
From Round:	NAISS Small Compute 2025
Principal Investigator:	Soumi Chaki

Basic information from the earlier proposal will be copied at this point in time. Changes to the new proposal will not be reflected in the earlier proposal, and vice versa. Information bout requested resources and uploaded documents will not be copied

Proposal Title

You can change the title of the new proposal now. You can also change the title later before submitting

Proposal Title Creating a mock proposal for demonstration

Co-investigators

There are no co-investigators in the earlier proposal. You can add co-investigators after you have created the proposal.







NAISS Storage Project: Check Individual Section of Project Proposal **INAISS**

SUPR	Creating a mo	ock proposal for demonstration (NAIS	5 2025/23-466)		
Admin User			Overview PI Projects Overview		
tart rojects ccounts	Your proposal has been cr	eated. Please continue to fill it out.			
roposals NAISS 2025/22-1140 NAISS 2025/23-485 NAISS 2025/23-486	information if needed. Add an	editing the basic information for your proposal below. Change the continuation ny co-investigators you have for your proposal. Add the resources you are applyin sal (it will not be handled unless you do that).	g		
Rounds Resources Groups	Proposal				
NAISS-announce-subscribe NAISS-application-mgmt	Dnr:	NAISS 2025/23-486			
NAISS-application-ringrit	State:	Editing (not yet submitted)			
application-experts	Round:	NAISS Small Storage 2025			
argoverse-license- agreement	Principal Investigator:	Soumi Chaki			
imagenet-license- agreement nuscenes-license-	Check Principal Investigator Info	ormation			
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zod-license-agreement	Project Title:	Creating a mock proposal for demonstration			
ersonal Information upport	Abstract:				
ogout	Resource Usage:				
ogged in as:	Data Management Plan:				
oumi Chaki oumi@nsc.liu.se)	Affiliation:	Linköpings universitet			
urn on warning colour.	Requested Duration:	1 year			
	Edit Basic Information				
	Classification				
	Scientific				
	Please provide scientific classification.				
	Edit Classification				
	Continuation				
	This proposal is not registere	d as a continuation of an earlier project.			
	Change				
	Members				
	Markey de a project in accept de				

. The PI and co-investigators of this proposal will become members of the project.

Check the Individual Sections and Complete them **Before Submission**





NAISS Storage Project: Start Editing Proposal with Basic Information

t	Project Title *	Creating a mock proposal for demonstration Title of the proposed project			
ounts		Title of the proposed project			
ounts					
	Webpage				
AISS 2025/22-1140		URL to project related Web page			
ISS 2025/23-485	Affiliation *	Linköpings universitet			
ISS 2025/23-486	Allillation -	1 -			
ds		Name of university, institute or similar			
urces	Abotoon				
ps '	Abstract *				
ISS-announce-subscribe ISS-application-mgmt	A project abstract in English (max 500 word	ds) must be given here. You provide the technical details under Resource Usage below.			
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warning colour.	NAISS storage allocations are made available via allocations expressed in terms of size (GiB) number of files (No.) and time (Months), as you have previously entered for the proposal.				
		duration of X months. Hence, to assist the work of the personnel allocating NAISS resources, we			
	ask you to provide the following information	in the text field below. The total requested size (GiB) and files (No.) shall be broken down into			
	perious of different demands. The non-over	rlapping periods shall span the entire requested allocation time (Months).			
	 Estimated size (GiB). 				
	Please provide your estimated require	ement in terms of size (GiB) /period.			
	 Estimated number of files (No.). Please provide your estimated requirement in terms of number of files (No) /period. This does not need to be exact, an order of 				
	magnitude is sufficient. For example,				
		a total of 1 million lifes for a period. ear period and have a period of 6 months with preparatory/test data and then 18 months with the			
	full data set this could look like:				
	Period 1 (months 0-6): 2006 Period 2 (months 7-24): 506				
	Period 2 (months 7-24): 500	00 GIB, 3 MILLION TILES			

Abridged Data Management Plan *

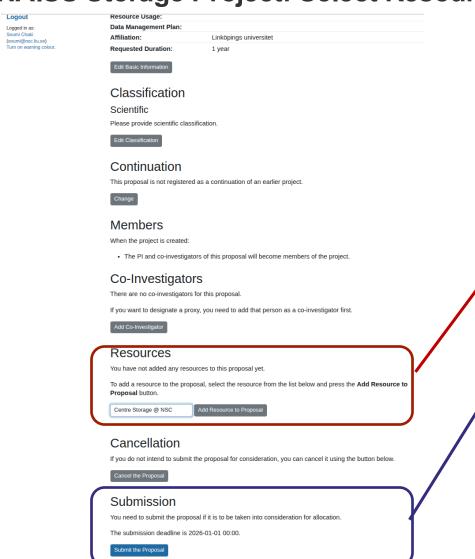
Complete all components:

- Abstract
- Resource Usage Plan
- Abridged Data Management Plan
- Requested Duration and Start Date
- Financial Support





NAISS Storage Project: Select Resource & Submit Completed Storage Project Proposal



Add Resource (here, Centre Storage @NSC) to Proposal

Before

Submission





If Additional Help is Needed

- support@nsc.liu.se
- Look at approved <u>abstracts</u> for inspiration
- Explore documentation on NSC website on <u>Tetralith</u>
- SUPR

