How get a project and a user-account on LUNARC as a MAX-IV user.

Users who have collected data using the MAX-IV beamlines can use the Aurora cluster at LUNARC to perform calculations on those data. To do this a *Project* and an *Account* on Aurora is needed. Users who are not affiliated with a Swedish university can apply for projects/accounts on Aurora through the Dellingr self-service portal.

For researchers affiliated with a Swedish university the application process starts by the researcher accessing the SUPR site at https://supr.snic.se The researcher logs in using his or her swamid identity. Having logged in the researcher MUST first accept the user agreement. Which is accessible via a button on the first page. Having accepted the user agreement, the researcher must apply for, or be a member of a project. Applying for a project is done by selecting the correct round (compute, storage, SNIC sens, or SNIC science cloud), then selecting the correct type of round (small, medium, large, or local), and finally selecting the actual round. Once the correct round is selected, the researcher then creates a proposal either from scratch or based of an earlier proposal (this is only possible if the researcher is a recurring user) when creating the proposal the researcher can add co-investigators (members) to the project e.g. PhD-students or co-researchers. The proposal is then sent to the appropriate center for approval. The researcher creating the proposal will be designated the *Principal Investigator* (PI) of the project.

Once the proposal is approved the researcher then have a new button available on the SUPR site where it is possible to apply for an account on the resource. This account application is again sent to the appropriate center and once approved the Researcher will receive an email detailing how to get the password for the newly created account. In figure 1. the process of getting a project and an account is outlined.
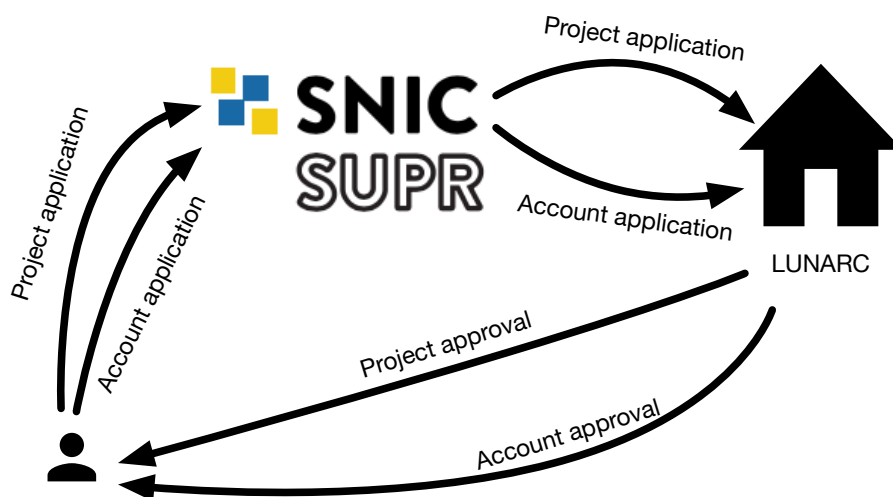

Figure 1. Project and account application process. Note that in order to be able to apply for an account you MUST first be a member of an approved project.

For researchers who are only a member of a project, only need to apply for an account on the resource via SUPR as soon as they are added to the project by the PI. I.e. they do NOT need to apply for a project.

Dellingr self-service portal

Researchers *not* affiliated with a Swedish university, in particular researchers using the MAX-IV beamlines can apply for a project on the LUNARC resource Aurora to process their data through the Dellingr self-service portal. This portal can be reached at https://share.neic.no/#/login/ The Dellingr self-service portal is a pilot test system to simplify the application process for researchers who wish to use compute resources in a different country from where they are employed.
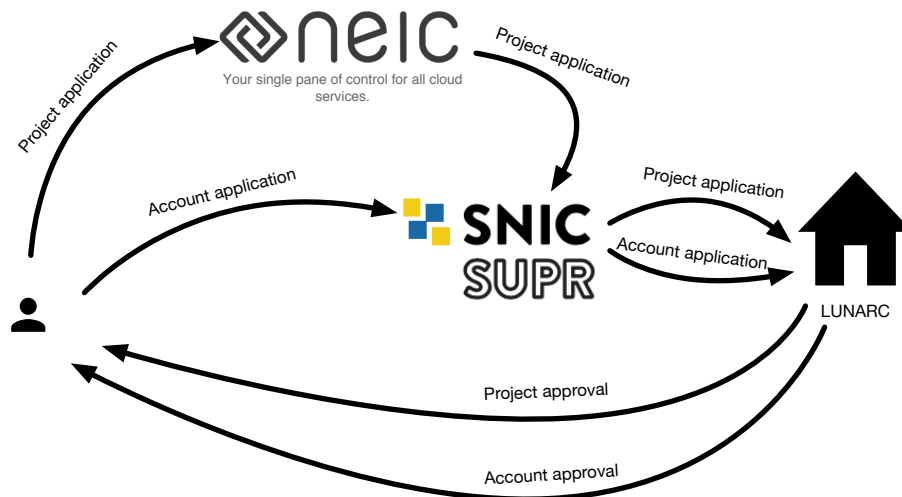

Figure 2. Project and account application process through Dellingr. Note that in order to be able to apply for an account you MUST first be a member of an approved project

Figure 2 illustrates the process in applying for a project and account through the Dellingr self-service portal. The process follows closely the process described above, with the exception that the Researcher applying for the project needs to also describe the project and its computational needs in the Dellingr self-service portal. Having done so the project description and request is sent to a reviewer at the center to which the request is made. The reviewer will either approve or deny the request. Once the request has been approved the Researcher can log in to SUPR and follow the process described above. The process at the Dellingr self-service portal is described in detail here https://dellingr.neic.no/guide/

As researchers who are not affiliated with a Swedish university cannot use swamid to accept the user agreement this has to be done using "the paper method". This involves printing out the agreement from the SUPR site and sending in the signed form together with a copy of the researcher's passport. At MAX-IV there is a possibility to hand in the agreement to LUNARC-staff in Lund in person to speed up the process. Please contact the MAX-IV reception staff for more information on this.

Please note that the Dellingr self-service portal need only be used to apply for a *project,* applications for accounts are still made through the SUPR site.