PUNCH4NFDI Consortium

PUNCH-AAI registration procedure

December 2023

1. DEAR PUNCH4NFDI colleagues

Our PUNCH4NFDI activities are directed towards creating the PUNCH Science Data Platform (SDP). One crucial element of the platform is the PUNCH-AAI. The consortium is also actively engaged in the NFDI activities to create a common approach to Identity Management and platform.

The PUNCH-AAI is hosted by the Helmholtz AAI, so the URL and possible emails from the AAI contains Helmholtz. The idea is to make access to PUNCH4NFDI services as convenient as possible. In order to avoid needing yet another userid and password combination, we offer you the service to access via AAI which is used as a method for single sign on by being able to use your home institution as Identity Provider (IdP).

PUNCH-AAI is connected to DFN AAI federation, eduGAIN inter-federation service and the social Identity Providers (IdP) Github, Google and ORCID.
We have a group (called Virtual Organisation) in place to manage access permissions to the services.

Please register in the PUNCH-AAI and request membership in the PUNCH4NFDI group.

Currently, the PUNCH-AAI is for the consortium members and open to our collaborators as well.

The registration process is as follows:

1. Please send a mail to
> **support@punch4nfdi.de**
> Please state in the mail your relation to PUNCH4NFDI
> - your institution
> - your connection to PUNCH4NFDI (PI, Punch Collaborator)

You will get an invitation to join the PUNCH-AAI, provided agreement by you collaborator.

2. After getting the admission to PUNCH-AAI (via mail)
- all available services of PUNCH4NFDI are accessible via login to the PUNCH-AAI, the services redirect you to
> https://login.helmholtz.de/punch/
- you can select between different **authentication** ways:[1]
> * via your institution, if it is connected to DFN-AAI (**!preferred!**)
> * using a social account (provided you have the same email address)
> > - your ORCID account
> > - your GitHub account
> > - your Google account
- in case you have a Helmholtz-AAI account, you can use this authentication method
> * please send a mail to provide the necessary information to the AAI admins (see 1.)

3. The PUNCH-AAI admins assign your account to the appropriate group(s) to **authorize** your services access.

4. You can access the account information by direct login to https://login.helmholtz.de/punch/ .

5. Some of the PUNCH services require an extra step to authorize access, based on the groups you have been assigned in PUNCH-AAI. This might incur some additional time.

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[1]   Technically: PUNCH-AAI supports OAuth2

Following the described process is efficient and reasonably fast.

For questions and problems contact: **support@punch4nfdi.de**

On behalf of the
PUNCH-AAI Admins