

# How to get an account on HPC-FF

This note describes how to obtain an account on the JUROPA/HPC-FF supercomputer dedicated to magnetic fusion research. Computing time is governed by the HPC Board, which issues regular calls for individual projects, and also sets aside a certain block allocation to EFDA member associations – see <http://www.efda-hlst.eu/board>

1. a) If you already have an approved project (including ID issued by JSC) go to step 2.  
b) If not, first choose a HPC-FF Project ID corresponding to your Association Contact (see list on next page).
2. Generate a ssh-key pair. (Avoid using trivial or simple passphrases.)  
Follow the instructions on :  
[http://www2.fz-juelich.de/jsc/juropa/faq/generation\\_ssh\\_keys](http://www2.fz-juelich.de/jsc/juropa/faq/generation_ssh_keys)
3. Browse to:  
[https://dispatch.fz-juelich.de:8812/nic\\_account\\_ident/back=/RESOURCES&xxlang=english](https://dispatch.fz-juelich.de:8812/nic_account_ident/back=/RESOURCES&xxlang=english)
4. Fill in your official email address and submit: you will receive a validation email.
5. Follow the link in the email. (Make sure the url is not broken)
6. Enter your project ID, choose if the account will be owned by you -> apply
7. Check carefully your contact data -> apply
8. If you have a EFDA-Gateway account, please supply your Gateway username (for future ID mapping) -> apply
9. Choose a system: juropa. No password is needed; access is only via ssh-keys. Upload the public part (\*.pub) of your ssh-key pair -> apply
10. You will receive an email with a PDF application form. Verify the details on the application, sign it yourself, get your project leader – here the association contact – to sign it and fax it back to JSC at +49 2461 61 2810
11. You will be notified again when your account has been set up.
12. To get started with HPC-FF look at:

[http://www.fz-juelich.de/ias/jsc/EN/Expertise/Supercomputers/JUROPA/UserInfo/UserInfo\\_node.html](http://www.fz-juelich.de/ias/jsc/EN/Expertise/Supercomputers/JUROPA/UserInfo/UserInfo_node.html)

## Support contacts:

Primary user support <sup>1</sup> (JSC):	Alexander Schnurpfeil <a href="mailto:sc@fz-juelich.de">sc@fz-juelich.de</a>
High-Level Support Team <sup>2</sup> (IPP Garching):	Roman Hatzky <a href="mailto:Roman.Hatzky@rzg.mpg.de">Roman.Hatzky@rzg.mpg.de</a>
HLST coordinator (EFDA):	Darren McDonald <a href="mailto:Darren.McDonald@efda.org">Darren.McDonald@efda.org</a>

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<sup>1</sup> Porting issues: compilation, job management, tools, libraries

<sup>2</sup> Code optimisation, parallel performance, algorithm (re)development, fusion community tools

## HPC-FF Association Contacts

	Association	Project ID	Contact
1	Luxembourg		
2	IPPLM	FSNAPLM	Roman Stankiewicz romsta@ifpilm.waw.pl +48 502339363
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Note: If your association contact is not yet listed, please contact Duarte Borba at EFDA.