

# Registration to SCRTP and Avon

Here are some instructions on how to register for access SCRTP and to Avon, the **HPC facility** we are going to use during the workshop.

Confirmation via email can take a few days.

## Registration to SCRTP

- Go at the link: **get started with SCRTP** -> then go to: Apply for an account
- You need to identify an academic supervisor.  
If you are a 1st year student, put "Dr. Ritabrata Dutta".
- Subscribe to `scrtplib-linux-user` mailing list for any update.
- You will receive an email from SCRTP confirming your registration with username and provisional password after a few days (check spam, too).

## Registration to Avon

- Register for HPC access at the link: **HPC registration**
- You will be required to provide your SSH public key.  
To generate your public/private keys, follow the steps below, taken from <https://warwick.ac.uk/research/rtp/sc/hpc/login/>
  - At Point 2.), if you are a **Linux or MacOS user**, open a terminal window and type:  
`ssh-keygen -t rsa -b 4096`  
It is recommended to save it at default location (`/home/username/.ssh/id_rsa`)  
You will then be asked to enter and confirm a new passphrase (password).
  - At point 9) you have a full guide for **Windows users**, we recommend installing OpenSSH and use the same instructions as above to generate your keys.
- To attach your ssh public key, when browsing files go to home and then press `ctrl+H` to be able to see hidden files (they all start with `.something`). Move to `.ssh` folder and you shall find `id_rsa.pub`
- You need to identify an academic supervisor that already has access to Avon.  
If you are not sure you can put "Dr. Ritabrata Dutta".
- You will receive an email from SCRTP confirming your registration with given username and passphrase after a few days (check spam, too).

△ Note that you will have the same username for both facilities but password and passphrase might differ.  
Do not forget your passphrase as you will need it for accessing the facility through Secure Shell (ssh) procedure.