

Requirements for the cluster

Please:

- **generate your ssh public key**
- **remove any comments in the generated file, so that it looks like:**
`ssh-ed25519 AAAAC3NzaC1lZDI1NTE5AAAAIEE7WPqvdiS6HNYFFBwMja4RsA+/DI+k8gk9Dh8n1JoB`
- **send it back to training@hls.de as *yourSurname.pub***

The key will usually work only on the laptop where you generate it!

Please use the laptop you will use for the course.

See the next slides for instructions for

- Linux/MAC **or**
 - Windows using (recommended) PuTTYgen
- execute **only one** of them!

Type in terminal:

```
ssh-keygen -t ed25519
```

- This generates a key type **ed25519** (do not use rsa)
- Define a **password** for the private key when prompted. **Do not forget this password!**
- Then, adjust the rights of the **private key**:

```
chmod 600 your-private-key
```

IMPORTANT:

Please define a password when generating the public/private key pair!

Please send us the **public key only!**

EXTREMELY IMPORTANT:

Do not forget this password, because we cannot help in such a case, i.e., there is no second key possibility!!!

Windows – PuTTYgen (recommended)

Creation of an SSH-Key with PuTTYgen

- Key type **EdDSA → Ed25519**
- Additionally **define a password** for the private key.
Do not forget this password!
- Save **both** the public key (append **.pub** extension) **and** the private key (**.ppk**).
- Send us the **public key only!**

You can also follow the instructions in the **Windows** screen-video (in German) from min. **04:54** at the link below.

https://fs.hlrs.de/projects/par/events/2021/CHEESE/key_videos/videos.html

