

Materials, Meetings, Presentations & Tutorials

HPC Computing Seminar

We aim to run hands-on tutorials on HPC computing in regular intervals. Tutorials are advertised on Maxwell (and few other) mailing lists. All tutorials and materials can be found on [HPC computing indico page](#):

- [HPC Seminar - Introduction to High Performance Computing](#)
- [HPC Seminar - Using Maxwell](#)
- [HPC Seminar - Parallelization on a single node - Part 1](#)
- [HPC Seminar - Parallelization on a single node - Part 2](#)
- [HPC Seminar - Parallelization on multiple nodes - Part 1](#)
- [HPC Seminar - Parallelization on multiple nodes - Part 2](#)
- [HPC Seminar - Python on Maxwell](#)
- [HPC Seminar -Parallelisation with Python on a single node](#)
- [HPC Seminar -Parallelisation with Python on multiple nodes](#)
- [HPC Seminar - debugging and performance analysis of a parallel program](#)

Machine Learning seminars

Starting with [GPU computing and Machine Learning workshop](#) a series of seminars on Machine Learning has been initiated. The seminars are taking place every last Monday at 16:00. The complete list of seminar and all materials can be found on the [Machine Learning indico page](#):

- [Infrastructure for GPU computing an Deep Learning](#)
- [Gentle Introduction to Deep Learning](#)
- [Introduction to Convolutional Neural Networks](#)
- [Introduction to Generative Adversarial Networks](#)

Maxwell Users Meetings

Roughly once a year a maxwell users meeting is taking place to inform about latest changes and future plans for the HPC resources at DESY /Hamburg:

- [Users Meeting 03/2018](#)
- [Users Meeting 05/2017](#)
- [Users Meeting 04/2016](#)

Other Meetings and Events

- Photon Science Users meeting: [an introduction to HPC computing for photon science at DESY](#)
- Deep Learning in Natural Sciences: <https://indico.cern.ch/event/765224/overview>