Seminars

Seminars

> Announced last year, but …
  - Finally starts now!

> What:
  - HPC (and everything else)

> Who:
  - **Sergey Yakubov**, Johannes Reppin, Sven, Frank, Yves, external Experts, …

> Schedule:
  - Aim for twice a month. One lecture + one tutorial.
  - Mondays 15:00-17:00(+)
  - Starting 09.04.2018

> Where:
  - Usually: Seminarroom 3 in Bld. 1
  - 09.04.2018: Seminarroom 1 in Bld. 1

> More information:
  - Indico.desy.de → Computing → HPC:
  - https://indico.desy.de/indico/category/619/

> Registration:
  - Space is limited!

Seminars

> Tentative Topics:

- 09.04.2018: Introduction to HPC

- 23.04.2018: Using the Maxwell Cluster

- Parallelization on a single node (multi-thread parallelization) x2

- Parallelization on multiple nodes x2

- GPU programming x2

- Parallel programming with Python x2

- Debugging and Profiling

- Parallel I/O

- Data streaming and Big Data processing (x2 ?)

- HTCondor and batch farm ?

- Cloud and OpenStack

- Container technologies

- Update on latest hardware technologies

- NUMA Thematik

- Machine Learning

> Would very much like YOUR contributions!

> Open for further suggestions!

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