

Computing

- Services & Support
- Computing Seminars
- Container Software Deployment (Sergey)

Services & Support

Scheduling

- Adjustable on own resources
- Got a support contract with schedmd
 - Easier to accommodate special requirements

Hosting

- Buying new hardware?
 - Consider buying for maxwell
 - Beneficial for everyone
 - Fastest i/o resources on site inclusive
 - Many other pros and very few cons
 - ... if you're willing to share (all partition)



Services & Support

Software

- Large portfolio of applications
- Happy to deploy whatever makes sense
- Some support for various tools
 - e.g. multi-core matlab, mathematica
- Since 05/17 HDF5 premium support !

Development

- Tips on Profiling & Debugging
- Benchmarks on exotic hardware
- Give hints if and how to parallelize
- Give hints about porting for accelerators
- Can't (though we'd love to)
 - Help developing algorithms
 - Rewrite major pieces of code

Forum

- Lots of forums (fora) for all kind of apps
- You are the experts!
- We still get the questions → setting up an in-house stackoverflow clone



Computing Seminars

Scope

- Reviving series of computing seminars at fixed location/timeslot
- Really more practical like tutorials/hands-on

When

- See <https://indico.desy.de/event/hpc17>
- Doodle: <http://doodle.com/poll/g92k98un7brsz48t>
- Love to avoid conflicts with existing seminars & meetings.

What

- Will start with MPI & OpenMP parallelization
- HPC/Parallel applications with Python has been suggested
- Whatever appears needed/suitable .
 - PLEASE: send us your suggestions!

Who

- Sergey Yakubov will start with the MPI & OpenMP lectures
- Other topics: matching expertise. If none exists: we'll try to find/hire/invite someone.

