

HPC User Meeting

Welcome & Introduction

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3.5.2017 Hamburg

Agenda

- Maxwell Overview -> Frank
- SLURM -> Sergey
- Storage in Maxwell -> Sven
- Services & Support -> Sergey/Frank

- Additional discussion:
- Lectures and seminars on HPC and more -> Your input!



HPC and Maxwell

- > Maxwell Cluster
- > Important asset in DESY computing landscape
- > Hosting (parts of) P3 and XFEL analysis
- > IT will expand Maxwell in 2017, details t.b.d.



... Not to forget another important facility: BIRD

- > BIRD: Batch Im Rechenzentrum DESY
- > Maxwell: “The cluster with big machines with ultra-fast network“
- > BIRD: „The larger cluster with “smaller“ machines with “normal“ network“
 - Machines typically have 5 GB/core
 - Machines more heterogeneous than Maxwell
 - 1 GE (some 10 GE) interconnect, no InfiniBand
 - Multi-core support, but no multi-node support
 - Some filesystems only available on Maxwell, or on BIRD
 - Much larger (currently 7k cores, planning to join with GRID cluster)
- > Current development activity: Changing batch system
 - From SGE to HTCondor ... Hopefully in second half of 2017

HTCondor

High Throughput Computing

Europe/Berlin timezone

European HTCondor Workshop 2017

6-9 June
2017
DESY
Hamburg

Overview

Registration

Registration Form

List of registrants

Timetable & Program

Accommodation

Travel and Directions

The workshop, third one in Europe after the successful workshops at CERN in December 2014 and ALBA in February 2016, is an opportunity for novice and experienced users of HTCondor to learn, get help and have exchanges between them and with the HTCondor developers and experts. It is primarily addressed at users from EMEA. The workshop will consist of presentations, tutorials and "office hours" for consultancy. The HTCondor CE (Compute Element) will be covered as well. The workshop will be hosted by DESY (Deutsches Elektronen-Synchrotron) on its site in Hamburg, Germany.

The main conference web site, including timetable and material, can be found on the [CERN Indico site](#).

Dates: from 06 June 2017 12:30 to 09 June 2017 12:30

Timezone: Europe/Berlin

Location: DESY Hamburg

> <https://indico.cern.ch/event/611296/overview>

> Admin and advanced users workshop

