

Workshop Wrap Up

HTCondor Workshop. FZU, Prague

16-19th September 2025

Chris Brew and Christoph Beyer for the Organizing Committee

Special Thanks

- First of all, thank you to all of you for travelling and joining us here.

Workshop in Numbers

- 36 Attendees
 - 32 from this side of the Atlantic (inc. 5 Locals)
 - Mix of new faces and old friends
- ~17 Organizations from ~10 Countries



Presentations

- 26 "Scheduled" Contributions by 16 Presenters
 - Scheduled Duration 10h20m
 - HTC Team – 6h30m + Introductions and Wrap-Ups
 - Users and admins – 3h50m
- Lightning Talks/Show my toolbox – 3h00m
- Office Hours 2h00m +++++
- Interesting wide range of talks, high quality presentations.
- Thanks to speakers and chairs for flexible time keeping to keep us on schedule

GPU Scheduling Activities

- > HTCondor has long been able to
 - detect GPU devices and schedule GPU jobs
 - monitor/report job GPU utilization
- > New: Support for heterogenous GPUs in one server
 - E.g. a server with two different models of GPU cards
 - NVIDIA Multi-Instance GPU (MIG) partitioning
- > New: Jobs can only see the GPU devices assigned by the EP by using cgroup device namespaces
- > New: Support for AMD ROCm
- > More first-class keywords in submit file

Submit File Example:

```
Executable = foo.exe
RequestCpus = 1
gpu_minimum_capability = 7.0
gpu_minimum_memory = 16GB
Queue
```



HTCondor



Breaks

- Coffee Breaks
- Lunches
- Organized Social Events
 - Reception
 - Workshop Dinner
- And the impromptu social events

- Countless hours of valuable discussion and networks built and reinforced

Facilities

- Excellent Venue
 - A good size for the group
 - Magnificent AV Facilities
 - Smooth running
 - Great high throughput coffee nearby and a separate room for Lunch

Next Workshops

- The Organizing Committee and the HTCondor Team suggest we continue with the series
- Have a number of offers to host us but are open to more
- Is the length (3.5 days Tuesday to Friday lunchtime) right?
- Is the frequency (annual) right?
- In person/Virtual/Hybrid?
- Send feedback on those and any other things to me, Christoph or anyone else in the organizing committee.

Next Workshop

- Date to be finalized
- Location will almost certainly be the Centre de Calcul de l'IN2P3, in Lyon.



Advert – HEPiX Workshop Series

- Interested in presentations and exchange of experience on computing for large-scale sciences?
 - Computing and batch systems
 - Storage and file systems
 - IT facilities
 - Networking and security
 - Basic IT services
 - End-user IT services and operating systems
 - Grids, clouds, virtualisation
- Consider joining HEPiX workshops
 - Next one November 3rd to 7th at **Lanzhou University in Lanzhou, China** – registration still open
- <https://www.hepix.org>

Thanks

- To all the speakers for their interesting contributions
- Once again to all of you for coming here and your contributions to the discussions.

Further Thanks – Our kind sponsors



More Thanks

- The Organizing Committee:
 - Alexandr Mikula
 - Dagmar Adamova
 - Helge Meinhard
 - Todd Tannenbaum
 - Greg Thain
 - Josep Flix
 - Michel Jouvin
 - Mary Hester

Yet more thanks:

- The CHTC Team
 - Miron Livny
 - Todd Tannenbaum
 - Greg Thain
 - Brian Bockelman
- And of course, all the other developers and others who cannot come but contribute to the success that is HTCondor

Final Special Thanks

- The local organisers, Alexandr Mikula, Dagmar Adamova, and everyone else at FZU who helped, particularly:
 - Dana Švecová, Michaela Pokorná, Čiernik Michael, Dan Hasalík, Jana Uhlířová, and Petr Landa
- The catering team:
 - Bakhrom Abdullayev, Krystýna Jílková, Aneta Frydrychová, and Roman Synek
- FZU for the management support

Goodbye

Have a good journey home

Stay Safe and

see you in Lyon