Session Program

23–27 Sept 2024

HTCondor Workshop Autumn 2024 in Amsterdam

Workshop Session

Nikhef, Colloquium room
Nikhef Science Park 105 1098 XG Amsterdam

Tuesday 24 September

09:00

Workshop Session: Introductions and Welcomes
Session | **Location:** Nikhef, Colloquium room, Nikhef Science Park 105 1098 XG Amsterdam

09:00–09:10 **Welcome, Introduction and Housekeeping**

Speakers
Christoph Beyer, Mary Hester

09:10–09:30 **Nikhef Welcome**

09:30–10:10 **Philosophy and Architecture: What the Manual Won't tell You**

Speaker
MIRON LIVNY

10:10–10:30 **Round the room introductions**

10:30

11:00

Workshop Session
Session | **Location:** Nikhef, Colloquium room, Nikhef Science Park 105 1098 XG Amsterdam

11:00–11:30 **Troubleshooting: What to do when things go wrong**

Speaker
Andrew Owen

11:35–12:05 **Practical considerations for GPU Jobs**

Speaker
Andrew Owen

12:30

14:00

Workshop Session
Session | **Location:** Nikhef, Colloquium room, Nikhef Science Park 105 1098 XG Amsterdam

14:00–14:20 **Abstracting Accelerators Away**

Speaker
Emily Kooistra

14:25–14:45 **An ATLAS researcher's experience with HTCondor.**

Speaker
Zef Wolffs

14:45–15:05 **Monte Carlo simulations of extensive air showers at NIKHEF**

Speaker
Kevin Cheminant

15:10–15:30 **HTCondor + Nikhef - A History of Productive Collaboration**

Speaker
MIRON LIVNY

15:30

Wednesday 25 September

09:00

Workshop Session: Your Data and Condor
Session | **Location:** Nikhef, Colloquium room, Nikhef Science Park 105 1098 XG Amsterdam

09:00–09:30 **Dealing with sources of Data: Choices and the Pros/Cons**

Speaker
Brian Paul Bockelman

09:35–10:05 **Managing Storage at the EP**

Speaker
Cole Bollig

10:10–10:30 **NetApp DataOps Toolkit for data management**

Speaker
Didier Gava

10:30

11:00

Workshop Session: Your Data and Condor cont.
Session | **Location:** Nikhef, Colloquium room, Nikhef Science Park 105 1098 XG Amsterdam

11:00–11:20 **Storage Solutions with AI workloads**

Speaker
Didier Gava

11:25–11:40 **CHTC Vision: Compute and Data Together**

Speaker
MIRON LIVNY

11:45–12:05 **Pelican Intro**

Speaker
Brian Paul Bockelman

12:05–12:30

PANEL and Discussion - Pelican and Condor: Flying Together, Birds of a Feather, Don't drop your data!

Speakers
Brian Paul Bockelman, MIRON LIVNY, Todd Tannenbaum

12:30

14:00

Workshop Session
Session | **Location:** Nikhef, Colloquium room, Nikhef Science Park 105 1098 XG Amsterdam

14:00–14:20 **Dynamic resource integration with COBalD/TARDIS**

Speaker
Florian Von Cube

14:25–14:45 **Adapting Hough Analisys workflow to run on IGWN resources**

Speaker
Stefano Dal Pra

14:45–15:05 **Kubenettes ↔ HTC**

Speaker
Brian Paul Bockelman

15:10–15:30 **Fun with Condor Print Formats**

Speaker
Jeff Templon

15:30

16:00

Workshop Session

Session | **Location:** Nikhef, Colloquium room, Nikhef Science Park 105 1098 XG Amsterdam

16:00–16:30 **HTC from the user perspective**

Speaker
Cole Bollig

16:30–16:50 **Exploring Job Histories with ElasticSearch and HTCondor AdStash**

Speaker
Todd Tannenbaum

16:50–17:20 **HTCondor System Administration Introduction**

Speaker
Todd Tannenbaum

17:20

Thursday 26 September

09:00

Workshop Session
Session | **Location:** Nikhef, Colloquium room, Nikhef Science Park 105 1098 XG Amsterdam

09:00–09:45 **DAGman: I didn't know it could do that!**

Speaker
Cole Bollig

09:50–10:10 **Final project update**

Speaker
David Handelman

10:10–10:30 **Integrating an IDE with HTCondor**

Speaker
Michael Hubner

10:30

11:00

Workshop Session
Session | **Location:** Nikhef, Colloquium room, Nikhef Science Park 105 1098 XG Amsterdam

11:00–11:20 **The new HTCSS Python API: Python Bindings Version 2**

Speaker
Cole Bollig

11:25–12:10 **HTCondor: Whats New / Whats coming up**

Speaker
Todd Tannenbaum

12:10–12:30 **Moving from Torque to HTCondor on the local cluster**

Speaker
Mr Dennis van Dok

12:30

14:00

Workshop Session
Session | **Location:** Nikhef, Colloquium room, Nikhef Science Park 105 1098 XG Amsterdam

14:00–14:25 **Opportunities and Challenges Courtesy Linux Cgroups Version 2**

Speaker
Brian Paul Bockelman

14:25–14:45 **AMD INSTINCT GPU CAPABILITY AND CAPACITY AT SCALE**

Speaker
Samuel Antao

14:50–15:10 **GPUs in the Grid**

Speaker
Dr Lodewijk Nauta

15:10–15:30 **Lenovo's Cooler approach to HTC Computing**

Speaker
Mr Rick Koopman

15:30

Friday 27 September

09:00

Workshop Session
Session | **Location:** Nikhef, Colloquium room, Nikhef Science Park 105 1098 XG Amsterdam

09:00–09:20 **WLCG Token Transition Update (incl the illustrious return of x509)**

Speaker
Brian Paul Bockelman

09:25–09:45

Practical experience with an interactive-first approach to leverage HTC resources

Speaker
Oliver Freyermuth

09:45–10:05 **HTCondor setup @ ORNL, an ALICE T2 site**

Speaker
Irakli Chakaberia

10:10–10:30 **Implementing OSDF Cache in SURF - MS4 Service**

Speaker
Jasmin Colo

10:30

11:00

Workshop Session
Session | **Location:** Nikhef, Colloquium room, Nikhef Science Park 105 1098 XG Amsterdam

11:00–11:20 **HPC use case through PIC**

Speaker
Jose Flix Molina

11:20–11:40 **HTCondor in Einstein Telescope**

Speaker
Luca Tabasso

11:40–12:00 **Transitioning the CMS pools to ALMA9**

Speaker
Florian Von Cube

12:00–12:20

Heterogeneous Tier2 Cluster and Power Efficiency Studies at ScotGrid Glasgow

Speaker
Emanuele Simili

12:20–12:30 **Workshop Wrap-Up and Goodbye**

Speaker
Chris Brew

12:30