

Session Program

21-25 Sept 2020



HTCondor Workshop Autumn 2020

Workshop session

(teleconference only)

Monday 21 September

14:50

Workshop session

Session | **Location:** <https://cern.zoom.us/j/97987309455> | **Conveners:**
Gregory Thain, Catalin Condurache, Michel Jouvin

14:50–15:00 **Welcome, logistics**

Speaker
Helge Meinhard

15:00–15:20 **State of Distributed High Throughput Computing**

Speaker
Miron Livny

15:20–16:20 **A Users Introduction to HTCondor and Job Submission**

Speaker
Christina Koch

16:20–16:40 **Manage Workflows with HTCondor DAGMan**

Speaker
Lauren Michael

16:40

16:55

Workshop session

Session | **Location:** <https://cern.zoom.us/j/97987309455> | **Conveners:**
Christoph Beyer, Chris Brew, Helge Meinhard

16:55–17:15 **HTCondor deployment at CC-IN2P3**

Speaker
Dr Emmanouil Vamvakopoulos

17:15–17:35 **Replacing LSF with HTCondor: the INFN-T1 experience.**

Speaker
Stefano Dal Pra

17:35–18:05 **HTCondor Philosophy and Architecture Overview**

Speaker
Todd Tannenbaum

18:05

Tuesday 22 September

14:50

Workshop session

Session | **Location:** <https://cern.zoom.us/j/97987309455> | **Conveners:**
Michel Jouvin, Helge Meinhard, Jose Flix Molina

14:50–15:10 **What is new in HTCondor? What is upcoming?**

Speaker

Todd Tannenbaum

15:10–15:25 **Installing HTCondor**

Speaker

Mark Coatsworth

15:25–15:45 **Pslots, draining, backfill: Multicore jobs and what to do with them**

Speaker

Gregory Thain

15:45–16:05 **HTC at DESY**

Speaker

Christoph Beyer

16:05–16:25 **HTCondor at GRIF**

Speaker

Andrea Sartirana

16:25

16:40

Workshop session

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Michel Jouvin, Todd Tannenbaum, Christoph Beyer

16:40–17:00

Archival, anonymization and presentation of HTCondor logs with GlideinMonitor

Speaker

Marco Mambelli

17:00–17:20 **Status and Plans of HTCondor Usage in CMS**

Speaker

Marco Mascheroni

17:20–17:40 **Classified Ads in HTCondor**

Speaker

James Frey

17:40–18:00 **Job Submission Transformations**

Speaker

John Knoeller

18:00

Wednesday 23 September

14:50

Workshop session

Session | **Location:** <https://cern.zoom.us/j/97987309455> | **Conveners:**
Catalin Condurache, Todd Tannenbaum, Jose Flix Molina

14:50–15:25 **HTCondor-CE Overview**

Speaker
Brian Hua Lin

15:25–15:45 **Replacing CREAM-CE with HTCondor-CE: the INFN-T1 experience**

Speaker
Stefano Dal Pra

15:45–16:05 **HTCondor-CE Configuration**

Speaker
Brian Hua Lin

16:05–16:25 **How I Learned to Stop Worrying and Love the HTCondor-CE**

Speaker
Max Fischer

16:25

16:40

Workshop session

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Christoph Beyer, Jose Flix Molina, Gregory Thain

16:40–16:55 **HTCondor-CE Live Installation**

Speaker
Brian Hua Lin

16:55–17:10 **HTCondor-CE Troubleshooting**

Speaker
Brian Hua Lin

17:10–17:20 **What is next for the HTCondor-CE?**

Speaker
Brian Hua Lin

17:20–17:40 **Running a large multi-purpose HTCondor pool at CERN**

Speaker
Ben Jones

17:40–18:00 **Challenge of the Migration of the RP-Coflu-Cluster @ CERN**

Speaker
Xavier Eric Ouvrard

18:00

Thursday 24 September

14:50

Workshop session

Session | **Location:** <https://cern.zoom.us/j/97987309455> | **Conveners:**
Chris Brew, Helge Meinhard, Todd Tannenbaum

14:50–15:15 HTCondor with Containers and Kubernetes

Speaker
Gregory Thain

15:15–15:35 Combining cloud-native workflows with HTCondor jobs

Speaker
Clemens Lange

15:35–15:55

HTCondor in Production: Seamlessly automating maintenance, OS and HTCondor updates, all integrated with HTCondor's scheduling

Speaker
Oliver Freyermuth

15:55–16:15 HTCondor Annex: Bursting into Clouds

Speaker
Todd Lancaster Miller

16:15–16:30

CHTC Partners with Google Cloud to Make HTCondor Available on the Google Cloud Marketplace

Speaker
Cheryl Zhang

16:30

16:45

Workshop session

Session | **Location:** <https://cern.zoom.us/j/97987309455> | **Conveners:**
Helge Meinhard, Gregory Thain, Catalin Condurache

16:45–17:05 HTCondor Offline: Running on isolated HPC Systems

Speaker
James Frey

17:05–17:20 HEPCloud use of HTCondor to access HPC Centers

Speaker
Anthony Richard Tiradani

17:20–17:40 HPC backfill with HTCondor at CERN

Speaker
Pablo Llopis Sanmillan

17:40–18:00 HTCondor monitoring at ScotGrid Glasgow

Speaker
Emanuele Simili

18:00

Friday 25 September

14:50

Workshop session

Session | **Location:** <https://cern.zoom.us/j/97987309455> | **Conveners:**
Gregory Thain, Catalin Condurache, Chris Brew

14:50–15:10 **HTCondor at Nikhef**

Speaker
Jeff Templon

15:10–15:35 **HTCondor's Python API - The Python Bindings**

Speaker
Jason Patton

15:35–15:45 **HTMap: Pythonic High Throughput Computing**

Speaker
Todd Tannenbaum

15:45–16:05 **Lightweight Site-Specific Dask Integration for HTCondor at CHTC**

Speaker
Mr Matyas Selmecsi

16:05–16:15 **REST API to HTCondor**

Speaker
Matyas Selmecsi

16:15

16:30

Workshop session

Session | **Location:** <https://cern.zoom.us/j/97987309455> | **Conveners:**
Jose Flix Molina, Chris Brew, Christoph Beyer

16:30–17:00 **HTCondor Security: Philosophy and Administration Changes**

Speakers
Zach Miller, Brian Paul Bockelman

17:00–17:20

From Identity-Based Authorization to Capabilities: SciTokens, JWTs, and OAuth

Speaker
Jim Basney

17:20–17:40

Allow HTCondor jobs to securely access services via OAuth token workflow

Speakers
Jason Patton, Zach Miller

17:40–17:55 **Workshop wrap-up**

Speaker
Helge Meinhard

17:55