

Session Program

Sep 21 - 25, 2020



HTCondor Workshop Autumn 2020

Workshop session

(teleconference only)

Mon, September 21

2:50 PM

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

4:40 PM

4:55 PM

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

6:05 PM

Tue, September 22

2:50 PM

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

4:25 PM

4:40 PM

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

6:00 PM

Wed, September 23

2:50 PM

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

4:25 PM

4:40 PM

Workshop session

Session | **Location:** <https://cern.zoom.us/j/97987309455> | **Conveners:**
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

6:00 PM

Thu, September 24

2:50 PM

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

4:30 PM

4:45 PM

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

6:00 PM

Fri, September 25

2:50 PM

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

4:15 PM

4:30 PM

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

5:55 PM