

Session Program

4-7 Sept 2018



European HTCCondor Workshop 2018

Workshop presentations

RAL, CR12, R68

Science and Technology Facilities Council Rutherford Appleton Laboratory Harwell Campus Didcot OX11
0QX United Kingdom Tel: +44 (0)1235 445 000 Fax: +44 (0)1235 445 808 N 51° 34' 27.6" W 1° 18'
52.6" (51.57433,-1.31462)

Tuesday 4 September

14:00

Workshop presentations

Session |

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Convener: Helge Meinhard

14:00-14:15

Welcome

Speaker

Andrew Sansum

14:15-14:25

Welcome

Speaker

Miron Livny

14:25-14:35

Logistics

Speaker

Catalin Condurache

14:35-15:10

ClassAd Language Tutorial

Speaker

Gregory Thain

15:10-15:35

Managing Cluster Fragmentation using ConcurrencyLimits

Speaker

Max Fischer

15:35

16:05

Workshop presentations

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Convener: Todd Tannenbaum

16:05-17:10

HTCondor Administration Tutorial

Speaker

Gregory Thain

17:10-17:45

What defines a workload as High Throughput Computing

Speaker

Miron Livny

17:45

Wednesday 5 September

09:00

Workshop presentations

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Convener: Christoph Beyer

09:00-09:25

HTCondor command line monitoring tool

Speaker

Mr Davda Vipul

09:25-10:00

What's New in HTCondor?

Speaker

Todd Tannenbaum

10:00-10:35

HTCondor-CE Overview and Architecture

Speaker

James Frey

10:35

11:05

Workshop presentations

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Convener: Mr Antonio Puertas Gallardo

11:05-11:30

Scaling HTCondor at CERN

Speaker

Ben Jones

11:30-12:35

Configuring Group Quotas, Policies, and Fair Share across Users with the HTCondor Negotiator

Speaker

Gregory Thain

12:35

14:00

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Convener: Catalin Condurache

14:00-14:25

DESY Features on Top of HTCondor

Speaker

Thomas Finnern

14:25-14:50

Haggis: Accounting Group Management at CERN

	<p>Speaker Mr Nikolaos Petros Triantafyllidis</p>
	<p>14:50-15:25 Networking Concepts in HTCondor</p> <p>Speaker James Frey</p>
	<p>15:25-16:00 Using Python to monitor and control HTCondor</p> <p>Speaker John Knoeller</p>
16:00	
16:30	<p>Workshop presentations</p> <p>Session Location: RAL, CR12, R68, Science and Technology Facilities Council Rutherford Appleton Laboratory Harwell Campus Didcot OX11 0QX United Kingdom Tel: +44 (0)1235 445 000 Fax: +44 (0)1235 445 808 N 51° 34' 27.6" W 1° 18' 52.6" (51.57433,-1.31462) Convener: Chris Brew</p>
	<p>16:30-16:55 HTCondor configuration with puppet</p> <p>Speaker Dr Lukasz Kreczko</p>
	<p>16:55-17:30 Using Python to submit jobs</p> <p>Speaker John Knoeller</p>
	<p>17:30-18:00 Bringing together HTCondor, Python, and Jupyter</p> <p>Speaker Miron Livny</p>
18:00	

Thursday 6 September

09:00

Workshop presentations

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Convener: Jose Flix Molina

09:00-09:35

HTCondor Annex: Elasticity into the Public Cloud

Speaker

James Frey

09:35-10:10

Key Challenge Areas for Distributed High Throughput Computing

Speaker

Todd Tannenbaum

10:10-10:35

Day-to-day HTCondor Operations at RAL

Speaker

John Kelly

10:35

11:05

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Convener: Todd Tannenbaum

11:05-11:30

General Integration Issues

Speaker

Mr Stephen Jones

11:30-11:55

Cloud scavenging with HTCondor in the EOSCpilot Fusion Science Demonstrator

Speaker

Dr Andrew Lahiff

11:55-12:30

Config and Submit language

Speaker

John Knoeller

12:30

14:00

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Convener: Antonio Puertas Gallardo

14:00-14:35

Workflows with HTCondor's DAGMan

Speaker

James Frey

14:35-15:10

SciTokens: Moving away from identity credentials to capability tokens in HTCondor**Speaker**

Todd Tannenbaum

15:10-15:35

Pushing HTCondor boundaries: the CMS Global Pool experience**Speaker**

Antonio Perez-Calero Yzquierdo

15:35-16:00

The CMS global pool, from a pilot-based to an heterogeneous mix of resources**Speaker**

Diego Davila Foyo

16:00

16:30

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Convener: Chris Brew

16:30-16:55

A versatile environment for large-scale geospatial data processing with HTCondor**Speaker**

Dr Dario Rodriguez Aseretto

16:55-17:40

Job and Machine Policy**Speaker**

John Knoeller

17:40-18:00

RAL Tier-1 strategy - Growing the UK community**Speaker**

Alastair Dewhurst

18:00

Friday 7 September

09:00

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Convener: Jose Flix Molina

09:00-09:25

Monitoring HTCondor

Speaker

Todd Tannenbaum

09:25-10:00

Put your jobs into a box: Using Cgroups, Docker, Singularity

Speaker

Gregory Thain

10:00-10:25

Sharing group-owned clusters at the via a 'super'-collector/negotiator at the UNIMI Physics Department.

Speaker

Francesco Prelz

10:25

10:55

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Convener: Christoph Beyer

10:55-11:20

Building a LIGO HTCondor site on top of a shared HPC cluster

Speaker

Dr Paul Hopkins

11:20-11:55

Schedd Job Transforms

Speaker

John Knoeller

11:55-12:15

Workshop wrap-up

Speaker

Helge Meinhard

12:15