Contribution ID: **10**   Type: **not specified**

Scaling HTCondor at CERN

Wednesday 5 September 2018 11:05 (25 minutes)

HTCondor has been the primary production batch service at CERN for the last couple of years, passing the 100k core mark last year. The challenge has been to scale the service, in terms of course of the number of resources, but also in terms of the number of heterogenous use cases. The use cases involve dedicated LHC Tier-0 pools, dedicated resources within standard pools, special CE routes to dedicated Clouds and Storage pools, and managing a diverse user community. This talk will go through some of the different use cases, the technical decisions that have been taken, and the challenges that have been encountered.

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Session Classification: Workshop presentations

Track Classification: HTCondor presentations and tutorials