



Contribution ID: 22

Type: **not specified**

Future of Batch Processing at CERN: a Condor Pilot Service

Tuesday, October 14, 2014 2:00 PM (30 minutes)

The CERN Batch System comprises 4000 worker nodes, 60 queues and offers a service for various types of large user communities. In light of the developments driven by the Agile Infrastructure and the more demanding processing requirements, it will be faced with increasingly challenging scalability and flexibility needs.

Last HEPiX, we presented the results of our evaluation of SLURM, Grid Engine derivatives and HTCondor. The latter being the most promising one, we started setting up an HTCondor pilot service. This talk will present the initial functions provided by this service. We will then discuss the development steps we took to implement them. Finally, we will name the next features which will ultimately be leading to the new production CERN Batch Service.

Primary author: BELLEMAN, Jerome (CERN)

Presenter: BELLEMAN, Jerome (CERN)

Session Classification: Computing and Batch Systems

Track Classification: Computing & Batch Services