ASP2014

Report of Abstracts

Abstract ID : **134**

Grid and Distributed High Throughput Computing Lectures

Abstract content

Status: We will give an overview over the many ways to employ grid computing in high energy physics and other fields of science. We start with an introduction on why distributed computing is needed in high energy physics, then describe how to use HTCondor as a way to do high throughput computing (HTC), with hands-on exercises, and introduce the students to larger workflows. In the end we will teach them how to turn physics problems into HTC jobs, and encourage them to apply this knowledge to their own problems. The HTCondor pool is up and running, and we have run simple test jobs. We can now install the example codes required for the exercises, and then test the exercises to make sure they all work as planned.

Summary

Comments:

Authors: Kyle Gross, Rob Quick, Horst Severini, Pat Skubic, Jae Yu

Status: SUBMITTED

Submitted by **MUANZA, Steve Guy** on **Monday 04 August 2014**