

HEPiX Fall 2013 Workshop



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Batch System Development and Evolution at RACF

Tuesday, 29 October 2013 14:00 (30 minutes)

Scheduling jobs with heterogeneous resource requirements to a pool of computers with heterogeneous resources is a challenging task and Condor is beginning to tackle this in the most generic form. Integrating so-called partitionable slots (a batch resource able to be sliced along a variety of dimensions, from RAM to CPUs, to disks or even GPUs) with the rest of Condor's accounting and matchmaking mechanisms is a significant challenge. At BNL we began working closely with the Condor team to integrate Condor's Hierarchical Accounting Groups with partitionable slots in a consistent and correct manner. The results of that work are presented in this talk.

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