



Contribution ID: 156

Type: **Parallel**

The IceCube Computing Infrastructure Model

Thursday, 24 May 2012 13:55 (25 minutes)

Besides the big LHC experiments a number of mid-size experiments is coming online which need to define new computing models to meet the demands on processing and storage requirements of those experiments. We present the hybrid computing model of IceCube which leverages GRID models with a more flexible direct user model as an example of a possible solution. In IceCube a central datacenter at UW-Madison servers as Tier-0 with a single Tier-1 datacenter at DESY Zeuthen. We describe the setup of the IceCube computing infrastructure and report on our experience in successfully provisioning the IceCube computing needs.

Primary author: BARNET, Steve (University of Wisconsin Madison)

Co-author: MERCK, Martin (University of Wisconsin Madison)

Presenter: BARNET, Steve (University of Wisconsin Madison)

Session Classification: Computer Facilities, Production Grids and Networking

Track Classification: Computer Facilities, Production Grids and Networking (track 4)