CERN-BINP workshop for young scientists in e+e- colliders



Contribution ID: 3

Type: not specified

iLCDIRAC and CI: Automated testing for distributed jobs

Tuesday 23 August 2016 14:40 (20 minutes)

Detector optimisation studies for future high energy physics experiments require the simulation and reconstruction of many physic processes and detector geometries. As an efficient way of accessing the necessary computational and storage resources, DIRAC has been developed and extended by iLCDirac, which is specialized for the applications used in the context of linear collider detector studies.

This talk will give a brief introduction of (iLC)Dirac, grid computing and the philosophy of 'High-throughput Computing' behind it, and explain how we use continuous integration to ensure smooth day-to-day operations and that updates of the underlying code base do not cause an interruption of the service.

Primary author: Mr EBBING, Jan (CERN)Presenter: Mr EBBING, Jan (CERN)Session Classification: Young Scientists' Forum

Track Classification: Physics and computing