



Contribution ID: 301

Type: **Poster**

## SuperB Simulation Production System

*Thursday, May 24, 2012 1:30 PM (4h 45m)*

The SuperB asymmetric energy e+e- collider and detector to be built at the newly founded Nicola Cabibbo Lab will provide a uniquely sensitive probe of New Physics in the flavor sector of the Standard Model. Studying minute effects in the heavy quark and heavy lepton sectors requires a data sample of 75 ab<sup>-1</sup> and a luminosity target of 10<sup>36</sup> cm<sup>-2</sup> s<sup>-1</sup>.

Since 2009 the SuperB Computing group is working on developing a simulation production framework capable to satisfy the experiment needs. It provides access to distributed resources in order to support both the detector design definition and the its performance evaluation studies.

During last year the framework has evolved from the point of view of job workflow, Grid services interfaces and technologies adoption.

A complete code refactoring and sub-component language porting now permits the framework to sustain distributed production involving resources from three continents and Grid Flavors.

In this paper we will report a complete description of the production system status of the art, its evolution and its integration with Grid

services; in particular, we will focus on the utilization of new Grid component features as in LB and WMS version 3.

The last official SuperB production cycle has been completed; results and digests will be reported.

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**Session Classification:** Poster Session

**Track Classification:** Event Processing (track 2)