

Annecy, 16 March 2010

White papers status

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Computing part of the DWP

basically a selected and distilled version of the material we have in the CWP

- **The baseline model OK**
 - **The requirements OK**
- **Computing tools and services for the Detector TDR studies**
 - **Detector fast simulation**
 - **Bruno: the SuperB full simulation tool OK**
 - **The distributed production environment**
 - **The software development and collaborative tools nearly OK**

we need, as our first priority, to complete this work

Working groups

- **are they OK ?**

- **Impact of new CPU architectures, software architectures and frameworks - Vincenzo Innocente (CERN) , Peter Elmer (Princeton Univ.)**
 - **Code development: languages, tools, standards and QA - Roberto Stroili (Universita' di Padova and INFN) , Andrea Di Simone (RM2) , Steffen Luitz (SLAC)**
 - **Persistence, data handling models and databases" (20') -David Brown (Lawrence Berkeley National Lab) , Sasha Vanyashin (CERN)**
 - **Distributed Computing" (20') - Armando Fella (CNAF) , Eleonora Luppi (Ferrara University & INFN)**
 - **User tools and interfaces" (20') - Fabrizio Bianchi**
 - **Performance and efficiency of large data storage - Vincenzo Maria Vagnoni (BO) , Fabrizio Furano (CERN)**
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CWP I

- \chapter{SuperB computing model}
 - \section{Introduction}
 - \section{The baseline model}: **OK**
 - \section{Requirements}: **OK, but**
 - \chapter{Computing services, tools and resources for the SuperB TDR phase}
 - \section{Introduction}
 - \section{Full simulation}: **OK**
 - \section{Fast simulation}
 - \section{Analysis}
 - \section{Software development infrastructure}
 - \section{Distributed production environment}
 - \section{Collaborative tools}
 - \section{Computing resources}
 - \section{Planning}
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CWP II (R&D program)

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