Contribution ID: **237**   Type: **oral presentation**

CMS/ARDA activity within the CMS distributed computing system

Monday, 13 February 2006 17:20 (20 minutes)

The ARDA project focuses in delivering analysis prototypes together with the LHC experiments. The ARDA/CMS activity delivered a fully-functional analysis prototype exposed to a pilot community of CMS users. The current integration work of key components into the CMS system is described: the activity focuses on providing a coherent monitor layer where information from diverse sources is aggregated and made available for the services supporting the user activity, providing a coherent global view of the CMS activity. Of particular interest is a high-level service controlling the job execution and implementing experiment-specific policies for efficient error recovery. This control layer is in the state of advanced prototyping and experience in developing, deploying and some users feedback is presented and discussed.

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Session Classification: Distributed Data Analysis

Track Classification: Distributed Data Analysis