Contribution ID: **110**   Type: **Poster presentation**

CMS Data Analysis School Model

Monday, 14 October 2013 15:00 (45 minutes)

To impart hands-on training in physics analysis, CMS experiment initiated the concept of CMS Data Analysis School (CMSDAS). It was born three years ago at the LPC (LHC Physics Center), Fermilab and is based on earlier workshops held at the LPC and CLEO Experiment. As CMS transitioned from construction to the data taking mode, the nature of earlier training also evolved to include more of analysis tools, software tutorials and physics analysis. This effort epitomized as CMSDAS has proven to be a key for the new and young physicists to jump start and contribute to the physics goals of CMS by looking for new physics with the collision data. With over 400 physicists trained in six CMSDAS around the globe , CMS is trying to engage the collaboration discovery potential and maximize the physics output. As a bigger goal, CMS is striving to nurture and increase engagement of the myriad talents of CMS, in the development of physics, service, upgrade, education of those new to CMS and the career development of younger members. An extension of the concept to the dedicated software and hardware schools is also planned, keeping in mind the ensuing upgrade phase.

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Session Classification: Poster presentations

Track Classification: Facilities, Production Infrastructures, Networking and Collaborative Tools