

The CMS Data Analysis School experience

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An overview of the CMS Data analysis school (CMSDAS) model and experience is provided. The CMSDAS is the official school that CMS organize every year in US, in Europe and in Asia to train students, Ph.D and young post-docs for the physics analysis. It consists of two days of short exercises about physics objects reconstruction and identification and 2.5 days of long exercises about physics analysis with real data taken LHC. More that 1000 physicists were trained since the first school in 2010. This effort 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. A description of the scopes and the organization of the school is provided and results in terms of statistical surveys are presented. Plans for the future are also exposed.

Secondary Keyword (Optional)

Outreach

Primary Keyword (Mandatory)

Analysis tools and techniques

Tertiary Keyword (Optional)

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