Symposium on Computing in Experimental High Energy Physics

Tulika Bose

590 Commonwealth Avenue, Boston, MA 02215, USA

Abstract. This was the first symposium on computing in experimental high energy physics to be held during the ICCMSE conference. The symposium attracted 21 papers on a number of topics relevant for present day high energy physics experiments.

Keywords: LHC, ATLAS, CMS, Computing
PACS: 29.85.-c, 29.85.Ca, 29.85.Fj, 89.20.Ff, 89.20.Hh, 29.40.Wk, 29.40.Gx, 07.05.-t, 07.05.Kf

TALKS

The symposium on Computing in Experimental High Energy Physics was organized during the Seventh International Conference of Computational Methods in Sciences and Engineering (ICCMSE 2009). This was the first symposium on this topic to be held during the ICCMSE conference.

The symposium provided an international forum for discussing computing challenges faced by the high energy physics experiments at the Large Hadron Collider (LHC). State-of-the-art computing is critical to the success for the experiments at the LHC and the papers presented at the symposium reviewed some of the ongoing work and presented plans for future activities.

The topics that were covered included reviews of computing strategies at the LHC, data-acquisition and online computing, software methods and tools, databases, distributed processing and analysis and analysis tools. The speakers at the symposium included Roger Jones, Francisco Matorras, Francesca Pastore, Leonard Apanasevich, Dirk Hufnagel, David Cote, Leonardo Sala, Paul Nilsson, Tulika Bose, Jan Therhaag, Bruno Lenzi, Roger Wolf, Matthias Edelhoff, Kevin Black, Daniele Trocino, Thomas Punz, Karolos Potamianos, Edward Karavakis, Salvatore Di Guida, and Antonio Pierro.