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Large Datasets and High Energy Physics

Tuesday, 29 November 2011 10:00 (30 minutes)

High Energy Physics (HEP) has a long tradition of pushing scientific computing to its limits. In particular the use of very large datasets has always been required in order to search for the rare phenomenon of interest in the field. This presentation will describe the manner in which large datasets are acquired, processed, managed and analyzed in HEP, using the Large Hadron Collider (LHC) at CERN as a concrete example.

Presenter: Dr ELMER, Peter (Princeton University)

Session Classification: Techniques of Analysis of Massive Database