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## ATLAS data analysis on Grid

*Thursday 11 August 2011 11:00 (30 minutes)*

In 2010 and 2011 the ATLAS Collaboration at LHC collected a large volume of data and published a number of ground breaking papers. The Grid-based ATLAS distributed computing infrastructure played a crucial role in enabling timely analysis of the data. We will present the architecture and general features of the ATLAS distributed analysis system, and discuss the performance of the system and the underlying Grid infrastructure as an analysis platform. We will also discuss future directions in the evolution of ATLAS distributed analysis aimed at improvement of analysis capabilities, robustness and efficiency of the system.

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