

GPU's for event reconstruction

Freitag, 16. April 2010 11:30 (30 Minuten)

The use of graphics processor units (GPUs) for event reconstruction in FairRoot will be presented. CUDA (Nvidia's Compute Unified Device Architecture) development tools are in use for few months now. New features and technologies has arrived at the market from NVIDIA itself (pinned memory) and others companies (OpenCL). In this work, the use of some of these features, pro and contras will be presented.

Autor: Dr. AL TURANY, Mohammad (GSI)

Vortragende(r): Dr. AL TURANY, Mohammad (GSI)

Sitzung Einordnung: Algorithms

Track Klassifizierung: Trigger