

Beams & Applications Seminar

The CMS Global Calorimeter Trigger and Related Efforts

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Bldg. 401, Rm B2100

Friday, September 16, 2:30 pm
(please note new regular time)

Host: Glenn Decker, ASD

The Global Calorimeter Trigger (GCT) on the Compact Muon Solenoid (CMS) – one of the large particle detectors on the Large Hadron Collider at CERN – is a critical part of the search for significant physics events at the LHC, processing a large portion of the CMS detector's data stream in real time. This task requires a global search of the detector's data space for topological particle and jet energy deposition. This class of problem is becoming more common in modern physics and other applications. The design of the GCT and follow-on efforts in accelerator and satellite applications will be discussed.

For more information visit

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(mnolasco@aps.anl.gov, 630-252-6159) to arrange for a gate pass.