

New Perspectives 2016



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CMS in 10 Minutes

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Forty million times per second, the Compact Muon Solenoid (CMS) experiment at CERN's Large Hadron Collider detects the products of the highest energy collisions ever created in a laboratory. The experiment's charged particle trackers, calorimeters, and muon detectors, which total over 100 million individual detecting elements, are used to measure the properties of the standard model and to search beyond it. Approximately 900 students from around the world work on CMS.

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