

Measurements, status and plans of the TOTEM experiment at the LHC

Thursday, 5 October 2017 17:20 (15)

The TOTEM collaboration at the LHC has measured the elastic, inelastic and total proton-proton cross sections at several center of mass energies and is carrying on a rich program of measurements of diffractive physics together with the CMS collaboration. The talk will review the TOTEM measurements mainly focusing on the newest and most significant ones. The status of the experimental apparatus, its latest changes and the current and future technological challenges will be discussed as well.

Primary author(s) : Dr. FERRO, Fabrizio (INFN Genova)

Presenter(s) : Dr. FERRO, Fabrizio (INFN Genova)

Session Classification : High Energy Physics - 3

Track Classification : High energy physics