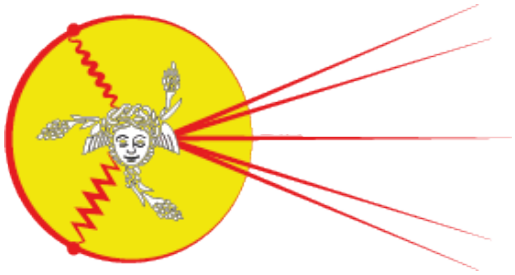

ID contributo: **98** Tipo: **non specificato**

CT-PPS: the program and it's possible development

mercoledì 7 settembre 2016 11:30 (20 minuti)

The CMS-TOTEM Precision Proton Spectrometer (CT-PPS) has the goal of studying central exclusive production processes in proton-proton collisions at LHC. Such processes are characterized by the presence of two protons scattered at small angles and detected inside the LHC beam pipe with CT-PPS, along with one or more particles produced at small rapidity values and detected by the central CMS detector. This gives access to a variety of interesting subjects, including the study of quartic gauge couplings and searches for new resonances produced in photon-photon or gluon-gluon fusion. A description of the experimental set-up will be presented, along with the current status of the project.

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Classifica Sessioni: Diffraction in hadron-hadron collisions - experiment (IV)

Classificazione della track: Diffraction in hadron-hadron collisions (experiment)