



SCUOLA
NORMALE
SUPERIORE

SEMINARIO DI FISICA

Martedì 19 settembre 2017
ore 11:00

Scuola Normale Superiore
Pisa
Aula Marie Curie

Marc Dunser
(*CERN*)

Terrà un seminario dal titolo:

“Double parton scattering at the LHC”

Abstract:

While most of the experimental and theoretical focus at the LHC is focused on single parton-parton interactions, events in which multiple partons interact in a proton-proton collision will be discussed in this seminar. A brief overview of the current theoretical status in Monte-Carlo simulation, as well as new theories for the description of such interactions will be given, along with the current experimental status. A special focus will be put on a recent measurement from the CMS experiment at 13 TeV, in which evidence-level sensitivity to the double parton scattering process of the production of two W bosons was reached for the first time.

Tutti gli interessati sono invitati a partecipare.

Classe di Scienze
Matematiche e Naturali