

27 Maio, 16.00

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<https://us02web.zoom.us/j/82278923339>

Title: Odderon discovery

Abstract:

The seminar will be devoted to the Odderon discovery recently announced by the TOTEM (CERN) and D0 (Fermilab) Collaborations. After introducing the Odderon and related theoretical/phenomenological concepts, I will outline the typical experimental apparatus to study the related phenomena. This will open the path to discussing the main two measurements leading to the discovery: determination of the rho parameter at 13 TeV and comparison of proton-proton and proton-antiproton cross-sections at 1.96 TeV.