Cosmology 2025 @ Elba Island



Contribution ID: 233 Type: Talk

The CMS PPS spectrometer searching for photon-DM interaction

Friday 12 September 2025 16:00 (30 minutes)

The CMS Precise Proton Spectrometer (PPS) has opened a new window in the gamma-gamma interactions at TeV energies. A discussion on recent results and future searches will be presented focusing on the impact of photon-DM interaction at cosmological level

References

Author: Prof. TURINI, Nicola (INFN Sezione di Pisa, Universita' di Siena)Presenter: Prof. TURINI, Nicola (INFN Sezione di Pisa, Universita' di Siena)

Session Classification: Afternoon session

Track Classification: Dark Matter (Its nature: Theory, Observations, Detection, Production at accel-

erators)