FAKULTÄT für PHYSIK
LUDWIG-MAXIMILIANS-UNIVERSITÄT
MÜNCHEN/GARCHING

PHYSIK-DEPARTMENT
TECHNISCHE UNIVERSITÄT MÜNCHEN
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Garchinger Maier-Leibnitz-Kolloquium

Donnerstag, 23.06.2022, 16^{15} Uhr

Hörsaal der LMU in Garching, Am Coulombwall 1
Treffen zum gemeinsamen Kaffee 16 Uhr

Prof. Pietro Govoni

(Physics Department of Milano-Bicocca University, Italy)

The scattering of vector bosons in proton collisions and some future developments

The electroweak symmetry breaking mechanism lies at the heart of the standard model of the fundamental interactions, as it describes the mass of elementary particles and unitarises the scattering cross-section for vector bosons. Since the first confirmation with the discovery of the Higgs boson at the CERN Large Hadron Collider, this mechanism is undergoing precision tests. In this seminar, a study of vector boson scattering with the CMS detector will be presented, together with future prospects in view of the forthcoming LHC data.

Hybrid online access via ZOOM:
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Meeting ID: 984 5733 2925
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