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Results from the COMPASS Experiment at CERN

Monday 29 November 2021 17:20 (30 minutes)

I will present a selection of results from the COMPASS experiment at CERN. They cover measurements related to the nucleon spin and structure, obtained from deep inelastic scattering (DIS) of muons on longitudinally and transversely polarized nucleons, as well as unpolarized hydrogen. The 3D structure of the nucleon is also studied via exclusive reactions: deep virtual Compton scattering (DVCS) and meson production. Finally, the Drell-Yan process and the J/Ψ production are also used to probe the nucleon structure through pion nucleus collisions.

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