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Neutral meson measurements with the ALICE experiment

The ALICE experiment is designed to study the QCD properties of the matter created in proton-proton and heavy-ion collisions at the LHC.
Neutral mesons can be reconstructed in ALICE in a wide p_{T} range via two-photon decays.
Neutral meson measurements give an opportunity to validate NLO or NNLO pQCD calculations and to constrain the parton fragmentation functions. Neutral meson signal serves also as an excellent probe of low-x partons and makes possible precise estimates of decay photons production needed for direct photon measurement.

ALICE experiment consists of several detector systems that are able to reconstruct neutral meson signals. The Electro-Magnetic Calorimeter (EMCal) and Photon Spectrometer (PHOS) can measure photons directly. Also, photons can be reconstructed from $e^{+}e^{-}$ pairs that are products of photon conversion in the material of central barrel detectors.
An overview of the recent results from ALICE on neutral pion and eta meson production in pp, p-Pb, and Pb-Pb collisions will be presented.

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