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Identified particle spectra measured by the ALICE experiment in pp collisions at 0.9 and 7 TeV at LHC.

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We will present the transverse momentum spectra of identified particles measured with the ALICE experiment in proton-proton collisions at LHC recorded at the center-of-mass energies of 0.9 and 7 TeV. The spectra of the charged particles (π± , K± , p and pbar) were obtained measuring the dE/dx in the ALICE TPC and ITS complemented at higher momenta by the time-of-flight information provided by the ALICE TOF detector. The spectra of the K°_S, and hyperons were reconstructed using the decay topology of these particles.
These measurements demonstrate the exceptional operation of both the LHC machine and the ALICE experiment. On the physics side, they provide insights about the mechanisms of the particle production at these energies and will serve as a baseline for the future measurements at even higher LHC energies and for heavy-ion collisions.

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