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## Resonance production in p-Pb collisions at $\sqrt{s_{NN}}$ = 5.02 TeV measured by ALICE at the LHC

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In order to understand how particle production mechanisms change with system size, proton-lead (p-Pb) collisions, with their charged particle multiplicity that is intermediate between proton-proton (pp) and lead-lead (Pb-Pb) collisions, are of crucial importance. Due to their relatively short lifetimes, resonances are good candidates to probe the existence of particle re-scattering and regeneration in hadronic phase, which may modify the yield of resonances measured in hadronic decay channel. Measurements of resonance particles  $(K(892)^0, \Phi(1020), \Sigma(1385)^\pm$  and  $\Xi(1530)^0)$  produced in p-Pb collisions at  $\sqrt{s_{NN}}$  = 5.02 TeV have been performed in the rapidity range -0.5 < y < 0 with the ALICE detector at the LHC. Resonance reconstruction, transverse momentum spectra, mean transverse momenta and particle ratios are presented and compared to model predictions.

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