Contribution ID: 35

## Nuclear modification of light-flavour and strangeness at LHC energies with ALICE

Thanks to its unique particle identification capabilities the ALICE detec- tor is able to identify light fl vour, resonances, strange and multi-strange hadrons, including  $\pi$ , K, p, K0,  $\Lambda$ ,  $\Xi$ ,  $\Omega$ ,  $\rho(770)$ ,  $\varphi(1020)$ , over a wide range of transverse momentum, from pp and p-Pb interactions up to central Pb–Pb collisions. The latest results on transverse momentum spectra and the nu- clear modifi factor, RAA, as a function of the Pb–Pb collision centrality will be presented for various particle species at 2.76 TeV center of mass en- ergy. The RAA will be compared with the nuclear modifi factors in p-Pb collisions, to discuss the presence of hot nuclear matter effects affecting the high-pT particle production in Pb–Pb collisions. The results on the RAA of charged hadrons at  $\sqrt{sNN} = 5.02$  TeV, the highest energy ever reached in the laboratory for heavy-ion collisions, will also be presented.

## I intend to submit my contribution for the proceedings

Yes

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