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## From pp to p-Pb, Pb-Pb and Xe-Xe Collisions in ALICE at the LHC

*Thursday 9 August 2018 11:20 (45 minutes)*

We present highlights of recent studies by ALICE on energy and system size dependence of multi-particle production in pp, p-Pb and A-A collisions at various energies, investigations of production of light nuclei, including exotic states of hypernuclei, new flow-like effects and collective phenomena in small systems, long-range correlations in hadron collisions at the LHC, as well as the puzzles which are still unsolved (the unexpected signals of collectivity in small systems: the elliptic flow of D- mesons in p-Pb and strangeness yields increase in high multiplicity pp collisions, etc.). The new possibilities of the ALICE program, aimed at the precise studies of rare processes of heavy flavour formation, will be also touched briefly.

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