

# Production of light flavour hadrons in the ALICE experiment at the CERN LHC

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The ALICE experiment is dedicated to studying the hot and dense nuclear matter created in heavy-ion collisions at the Large Hadron Collider. A crucial part of the ALICE physics programme is to study small collision systems, such as proton-proton and proton-lead collisions and compare them with the heavy-ion ones in order to disentangle effects coming from individual nucleon-nucleon interactions or from cold nuclear matter. In the contribution, state-of-the-art results on light-flavour hadron production from small (pp and p-Pb) to large collision systems (Xe-Xe and Pb-Pb) at various energies measured by ALICE will be reported.

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