

# Hadrons in heavy-ion collision at ALICE

*Monday, 5 June 2023 11:00 (30 minutes)*

ALICE (A Large Ion Collider Experiment), one of the CERN Large Hadron Collider experiments, was originally designed to study the properties of the quark–gluon plasma (QGP), a deconfined state of quarks and gluons produced in heavy-ion collisions. The ALICE physics programme has been extended to cover a broader scope of observables related to Quantum Chromodynamics. In this overview, a selection of latest findings and results obtained by the ALICE collaboration will be presented and discussed together with prospects for future measurements in the context of its planned upgrades.

**Primary author:** JANIK, Malgorzata (Warsaw University of Technology)

**Presenter:** JANIK, Malgorzata (Warsaw University of Technology)

**Session Classification:** Plenary

**Track Classification:** Plenary