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## Extraction of the speed of sound in strongly interacting matter using heavy ion collisions at the LHC

*Monday, March 10, 2025 11:00 AM (30 minutes)*

In this presentation recent extractions of the speed of sound in hot QCD matter are discussed. The measurements are performed using two different analysis techniques, which are applied in PbPb collisions at the LHC with center-of-mass energy per nucleon pair of 2.76 and 5.02 TeV. Special focus to the experimental techniques and prospects for future measurements will be given.

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