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Heavy flavor and hard probes of the Quark Gluon Plasma with ATLAS

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This talk presents the latest ATLAS measurements of heavy flavor and hard probes of the Quark-Gluon Plasma, with an aim towards understanding the energy loss mechanisms for probes of different mass and flavor through interactions with the QGP medium. These include recent measurements of open heavy flavor modification and flow in large and small collision systems, new measurements of b-jet and photon-jet production in Pb+Pb collisions, and measurements of HF-HF correlations in Pb+Pb collisions via di-muons.

Present via

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