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Overview of recent heavy flavor results at STAR

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In ultrarelativistic heavy-ion collisions at RHIC, a new state of nuclear matter – strongly interacting Quark Gluon Plasma is created under extreme conditions. Owing to their large masses, heavy quarks are predominantly produced at early stages of collisions hence prove an exceptional probe for exploring properties of the hot and dense medium.

The Heavy Flavor Tracker and Muon Telescope Detector upgrades were completed in 2014 and have significantly improved STAR's capabilities in measuring both open and hidden heavy flavor hadrons in heavy-ion collisions. In this talk, recent heavy flavor measurements carried out at the STAR experiment will be discussed.

Primary author: FEDERIC, Pavol (Acad. of Sciences of the Czech Rep. (CZ))

Presenter: FEDERIC, Pavol (Acad. of Sciences of the Czech Rep. (CZ))

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