



Contribution ID: 260

Type: Poster

Universality of high- p_T hadron suppression in AA collisions

Monday, 15 July 2019 18:30 (1h 30m)

Quenching of high- p_T hadrons observed in AA collisions is controlled by color transparency, rather than by induced energy loss. This mechanism leads to universality of nuclear suppression, which is confirmed by data for light,

light-heavy mesons, heavy quarkonia and even high- p_T protons. Nevertheless, for heavy flavored mesons energy loss turns out to be important, but not the one induced by the dense medium, but vacuum energy loss, i.e. the same as in pp collisions.

Primary author: KOPELIOVICH, Boris (UTFSM)

Presenter: KOPELIOVICH, Boris (UTFSM)

Session Classification: Wine & Cheese Poster Session

Track Classification: Heavy Ion Physics