Contribution ID: **10** Type: **Plenary**

Meson properties and production in nuclear medium

Tuesday, May 18, 2021 4:15 PM (30 minutes)

This talk will give a short overview of recent experimental progress in using meson as probes to study nuclear matter effects, such as the probes of initial cold nuclear matter effects and the intermediate hot and dense nuclear medium in proton-ion and ion-ion collisions at LHC. If no dedicated talks on ultra-peripheral collisions (UPC) in the conference, recent meson production results in UPC to probe the gluon distribution functions will also be covered.

Collaboration

LHCb

Primary author: LI, Hengne (South China Normal University)

Presenter: LI, Hengne (South China Normal University)

Session Classification: Plenary Session