Contribution ID: **109** Type: **Oral Contribution**

New jet results with ALICE

Wednesday 26 October 2022 16:25 (20 minutes)

Jets are useful probes of the QGP produced in heavy-ion (HI) collisions because the hard scattered partons lose energy with the medium when they traverse through it, a phenomena called jet quenching, which results in the suppression of jet yields and modification of internal jet structure. Measurements of jet quenching will be shown using new observables and techniques in order to access new regions of phase space in ALICE. Additionally, results of photon-tagged and heavy flavor-tagged jets will be discussed which provide insight about the flavor and mass dependence of jet quenching. This talk will discuss these new results, including comparisons to different quenching models, and how they further our knowledge of the QGP. This talk will also discuss new results in small systems with ALICE, including measurements of isolated hard photons, and how they fit into our understanding of QCD matter.

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Session Classification: P5 Heavy Ion Collisions and QCD Phases

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