

## **Heavy meson properties in dense matter: the $T_{cc}(3875)$ and $D_{s0}^*(2317)$ cases (invited talk)**

*Wednesday, April 2, 2025 10:00 AM (30 minutes)*

We discuss the modification of the properties of heavy mesons under extreme conditions of density present in heavy-ion collisions at CBM/FAIR energies. We pay a special attention to the behavior of  $T_{cc}(3875)$  and  $D_{s0}(2317)$  as well as their corresponding antiparticles in a dense nuclear environment, so as to show that the charge-conjugation asymmetry in nuclear matter could become an interesting tool to disentangle the nature of these states.

**Presenter:** TOLOS, Laura (ICE (CSIC, Barcelona))

**Session Classification:** Plenary Session