



ID de Contribution: 65

Type: **Invited Presentation**

Challenges for correlation measurements for EoS studies at GSI and FRIB energies

An overview of challenges and perspectives offered by correlation measurements at facilities with beams over $E/A=100$ MeV will be presented. Focus on observables and possible multi-purpose setups, including strategies for using transport model simulations are key for the advance of our community engaged in the study of nuclear matter under extreme conditions and its implications in the most challenging astrophysical investigations of neutron stars and supernovae explosions. The status of existing femtoscopy and resonance decay data and possible developments will be presented and discussed in view of an international synergy between different groups and institutions.

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Classification de Session: Transport model simulations of heavy-ion reactions

Classification de thématique: Constraints from heavy-ion collisions at intermediate energies