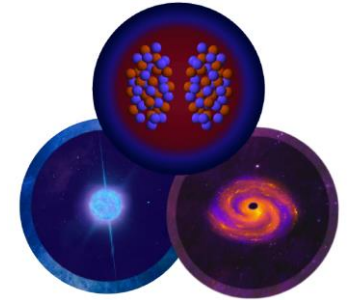


Project: Strangeness in Nuclear Matter

E. Bratkovskaya (GSI & Frankfurt Uni.) & J. Aichelin (SUBATECH, Nantes)

- ❑ Study of **EOS** with strange hadrons (mesons and baryons)
- ❑ **NEW project** related to DMLab:
1 PhD student at Frankfurt Uni. (Adrian William Romero Jorge):



Dark matter production in heavy-ion collisions under the constraint from astrophysics and cosmology

- study **dark photons** and **QCD axions** in HICs within the microscopic transport approach PHSD
- collaboration with Laura Sagunski, Frankfurt Uni.

Plans for 2024:

- PhD student – participation in the ICHEP-2024 (42nd International Conference on High Energy Physics), Prague, July 18-24, 2024
- Visit of EB to Nantes
- Visit of JA to Frankfurt/GSI
- ➔ Financial support from the DMLab is welcome! 😊