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Equations of State for Dense Matter

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Due to the present large uncertainty in the composition and interactions of dense nuclear matter, there are many different equation of state (EoS) models that can fulfill nuclear and astrophysical constraints. EoS repositories allow for a fast exchange of EoS between providers and simulation users, accelerating our understanding of dense matter. I discuss different EoS repositories, focusing on the MUSES infrastructure, and different EoSs, focusing on the CMF model.

Presenter: DEXHEIMER, Veronica