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## Constraining the EOS and Symmetry Energy with Neutron Star Mergers

*mardi 10 septembre 2024 09:30 (30 minutes)*

Neutron stars are the sites of the densest, most extreme matter in the Universe, and are natural laboratories in which to explore dense matter physics. I will discuss constraints on the equation of state and the nuclear symmetry energy available through current and future multimessenger observations of neutron star mergers, and how these can complement terrestrial collider experiments.

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**Classification de Session:** Astrophysical, multi-messenger observations

**Classification de thématique:** Astrophysical multi-messenger observations