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## Impact of symmetry energy on heavy baryon formation in neutron stars

*Thursday, 21 September 2023 15:00 (30 minutes)*

I will discuss the equation of state and composition of dense matter with heavy baryons within covariant density functional (CDF) theory. The sensitivity of the results on the structure of compact stars to variation of the slope of symmetry energy and the skewness is demonstrated. The finite temperature equation of state and its implications for multimessenger astrophysics is also discussed

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