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## **The hyperon puzzle in neutron stars : status and possible solutions.**

*lundi 9 septembre 2024 14:50 (30 minutes)*

In my talk I will review the role of hyperons on the properties of neutron stars, discussing the so-called “hyperon puzzle”. I will revise some of the solutions proposed to solve it, and discuss its implications with respect to the most recent measurements of unusually high neutron star masses.

**Auteur principal:** BURGIO, Fiorella

**Orateur:** BURGIO, Fiorella

**Classification de Session:** Theory of supernovae, neutron stars, and neutron star mergers

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