

# **Turbulence and magnetic configurations in neutron star interiors**

*Tuesday, 6 May 2025 12:15 (15 minutes)*

I will discuss the issues related with calculating the magnetic field structure in the interior of neutron stars, and how numerical simulations can be used to assess the stability and evolution of such configurations. In particular I will focus on instabilities and on the development of turbulence. I will show new results in which the turbulence is resolved, and discuss its impact on astrophysical observables.

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**Session Classification:** Tuesday morning

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