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Modelling neutron star magnetic fields

Friday, July 12, 2024 3:30 PM (30 minutes)

The magnetic field of a neutron star plays a key role in its evolution and the dynamics of the emission, both electromagnetic and gravitational. Nevertheless the field configuration of these stars is still highly uncertain. In this talk I will review the main issues involved in modelling the magnetic field, and recent advances.

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Session Classification: Galactic and extragalactic magnetars: recent observations and theoretical progress

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