

## Probing Low-scale Baryogenesis in Neutron Stars

*Thursday 15 May 2025 15:40 (23 minutes)*

I present low-scale baryogenesis scenarios that involve a singlet fermion with baryon-number-violating couplings to quarks. After briefly discussing the consequences of these models for low-energy and high-energy experiments, I show how neutron stars can be used to tightly constrain such interactions for GeV scale fermions.

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**Session Classification:** Thursday Afternoon Session 2