



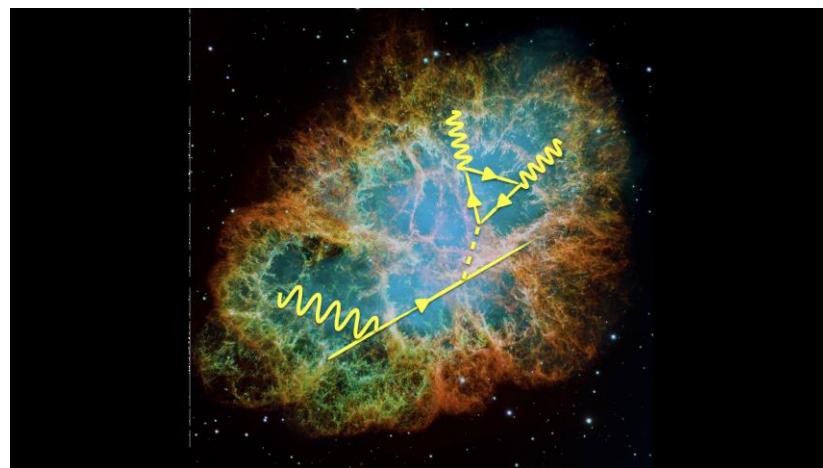
# Stars as Particle-Physics Laboratories: Old Ideas and New Developments.

**Tuesday, 8 February, 2022**

**Webcast 16:00 h**

**Georg Raffelt (MPI Munich)**

The hot and dense interiors of stars are powerful factories for low-mass particles such as neutrinos or the hypothetical axions and axion-like particles, dark photons, fuzzy-dark-matter-particles, and others. The back-reaction on stars or searching for the particle fluxes or decay products provides some of the most restrictive limits, but also future detection opportunities. While many of these arguments go back to the beginnings of neutrino physics and axion ideas, there have been intriguing new developments and opportunities that will be reviewed.



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