

Detection of supernovae, solar and geo-neutrinos – review

Friday 29 August 2025 10:50 (30 minutes)

This talk will review progress on the detection of supernovae, solar and geo neutrinos. This is an area of significant interest and scientific activity, with major players currently including Borexino, KamLAND, SNO+ and SuperKamiokande, and with a number of major new facilities of relevance coming online in the near future, including JUNO, DUNE and HyperK. Owing to time constraints, the focus here will be on recent observations and implications from (pre)existing experiments, as well as the current state of readiness for supernova neutrino detection. Prospects for future observations will also be noted.

Collaboration you are representing

Author: Prof. BILLER, Steven (Oxford University)

Presenter: Prof. BILLER, Steven (Oxford University)

Session Classification: Plenary session

Track Classification: Neutrino Physics and Astrophysics