



Contribution ID: 19

Type: **not specified**

## **Prospects for detecting eV-scale sterile neutrinos from a galactic supernova**

*Friday 12 January 2018 11:45 (20 minutes)*

Future neutrino detectors will obtain high-statistics data from a nearby core-collapse supernova. We study the mixing with eV-mass sterile neutrinos in a supernova environment and its effects on the active neutrino fluxes as detected by Hyper-Kamiokande and IceCube.

### **What would be the preferred length of your talk?**

20 minutes + questions

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**Session Classification:** Session VIII