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## **Falcon all-sky searches for continuous waves: results, outliers and artifacts.**

*Monday 7 June 2021 12:54 (3 minutes)*

Continuous waves from non-axisymmetric neutron stars are orders of magnitude weaker than transient events from black hole and neutron star collisions. Unlike a transient event, a continuous wave source will allow repeated observations. We will present results of all-sky searches for neutron stars and other sources carried out by the Falcon pipeline and discuss interplay between detector artifacts and outliers produced by our searches.

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