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## **Enhancing gravitational-wave burst detection confidence in expanded detector networks with the BayesWave pipeline**

*Thursday 15 December 2022 16:45 (15 minutes)*

We discuss the impact of adding more detectors on gravitational-wave burst detection confidence, using the BayesWave algorithm: a source-agnostic Bayesian analysis pipeline. BayesWave reconstructs non-Gaussian transient features in detector data for the characterisation of astrophysical signals and instrumental glitches.

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