4th Einstein Telescope Annual Meeting

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Test of a deep anomaly detection algorithm using MDC1

Wednesday 12 November 2025 14:00 (17 minutes)

We present the implementation, testing, and results of an anomaly detection pipeline based on convolutional autoencoders. After testing on white noise, we proceed to a test using MDC 1 focusing on mergers involving IMBHs and provide the results.

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