

Contribution ID: 50

Type: **Oral**

## Machine Learning on Gravitational Wave Sky Localization: GW-SkyLocator\_ARQS

*Saturday, May 17, 2025 5:30 PM (15 minutes)*

Rapid localization plays an important role in multi-messenger astronomy. GW-SkyLocator\_ARQS is a machine-learning method that realizes the low-latency search on compact binary coalescence. We provide the performance of GW-SkyLocator\_ARQS on binary neutron star events with three detectors and four detectors.

### Section

Cosmology

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**Session Classification:** Gravitational waves