

The Fifth Gravi-Gamma-Nu workshop



Contribution ID: 2

Type: **Invited talk**

Latest results from the LIGO-Virgo-Kagra fourth observing run

Thursday, 10 October 2024 12:30 (30 minutes)

The fourth observing run (O4) of LIGO-Virgo-KAGRA is ongoing, relying on the most sensitive network of gravitational-wave interferometers to date. In this talk, I will highlight some of the most recent astrophysical findings and their implications (in a multi-messenger context) for massive-star evolution, supernova theory, compact binary populations, and electromagnetic and cosmic-ray counterparts to gravitational-wave sources.

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Session Classification: Day 2: Latest results