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Keynote talk 1: Multi-messenger astrophysics with gravitational waves

Thursday, 25 June 2020 09:40 (30 minutes)

Recent detections of gravitational waves provide a new, exciting tool to observe the Universe. I will introduce this new method of directly studying the spacetime distortions produced by massive objects, and focus on recent findings of the LIGO-Virgo detector network, reporting on the binary systems of black holes and neutron stars, the latter also observed in electromagnetic waves.

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Session Classification: Session 1