

Gravitational Waves and Cosmic Growth Combined

Tuesday, September 27, 2022 11:10 AM (20 minutes)

As gravitational wave observatories discover more standard sirens, we recognize that they can be an incisive probe of dark energy and gravity in multimessenger combination with cosmic growth of structure. Gravitational wave distance deviations from general relativity can be related to growth deviations in many classes of gravity, providing deep insight into cosmic physics. I also discuss how exciting new instrumentation developments bring cosmic redshift drift closer to detection and measurement.

Primary author: LINDER, Eric (UC Berkeley)

Presenter: LINDER, Eric (UC Berkeley)

Session Classification: Session 3