

Gravitational Waves; the theorists' Swiss knife

Wednesday 9 July 2025 09:00 (30 minutes)

I will briefly present how gravitational waves are used to test astrophysical and cosmological models addressing a number of currently open questions about the early stages of our universe. Gravitational waves can test the validity of models of gravity and constrain particle physics models beyond the Standard Model.

Primary author: SAKELLARIADOU, Mairi (Physics Department, Strand, London)

Presenter: SAKELLARIADOU, Mairi (Physics Department, Strand, London)

Session Classification: Plenary Session 2