

Second International Conference on the Physics of the Two Infinities



ID de Contribution: 234

Type: Non spécifié

Gravittational wave science with LISA

mardi 18 novembre 2025 09:50 (25 minutes)

The LISA mission will detect milliHertz gravitational waves from space. In this band, we expect to observe thousands of white dwarf binaires in the Milky Way as well as supermassive black holes in the distant Universe. Certain detections should allow new tests of fundamental physics and cosmology measurements. In this presentation I will review the science objectives of the mission and some aspects of data analysis.

Auteur: LAMBERTS, Astrid (Observatoire de la Côte d'Azur)

Orateur: LAMBERTS, Astrid (Observatoire de la Côte d'Azur)