



Contribution ID: 15

Type: **not specified**

LISA as a probe for particle physics

Friday, March 2, 2018 11:20 AM (20 minutes)

In this talk we review why the measurement of the stochastic gravitational wave background can shed light on the particle content of the Universe. We moreover sketch some popular particle physics theories for which LISA can prove the existence of new physics before colliders.

Primary author: NARDINI, Germano (University of Bern)

Presenter: NARDINI, Germano (University of Bern)

Session Classification: Gravitational wave Data Analysis: Strategies and Challenges