

## Vulcano Workshop 2022 - Frontier Objects in Astrophysics and Particle Physics



ID contributo: 42

Tipo: **Talk**

### **Gravitational Waves: a new way to explore the Universe**

*lunedì 26 settembre 2022 09:50 (25 minuti)*

The second generation of Gravitational wave interferometers is a network of advanced detectors distributed in three different continents. They will restart the operation in 2023, including the fourth detector in Japan, bringing new data to the gravitational wave astronomers.

In this talk, after a brief introduction, we will discuss results of astrophysical interest already obtained and will discuss the prospects of new discoveries.

**Autore principale:** RICCI, Fulvio (Istituto Nazionale di Fisica Nucleare)

**Relatore:** RICCI, Fulvio (Istituto Nazionale di Fisica Nucleare)

**Classifica Sessioni:** Gravitation, GW and electromagnetic counterpart