UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Current and future challenges in gravitational-wave astronomy

2526-113R020

Title

Current and future challenges in gravitational-wave astronomy

Teacher

Dott. Caroline Owen

Language

English

Short description

This course will cover various topics in gravitational-wave physics and astronomy, including post-Newtonian formalism, Fisher information analysis, the stationary phase approximation, Bayesian parameter estimation, and more.

Target audience

PhD students interested in gravitational-wave physics and astronomy.

Maximum number of participans

N/A

Assessment method

TBD.

CFU / Hours

2 CFU / 16 hours

Teaching period and mode

Spring 2026, in person

Sustainable Development Goals

INDUSTRY, INNOVATION AND INFRASTRUCTURE