

Summer School  
2020



May 19-30, 2020  
Florence, Italy

# Gravitational Waves

The science of gravitational waves is a **subject** becoming **essential** for the scientific culture of PhD students in the field of **astroparticle physics**.

PRE-REGISTRATION  
IS OPEN

*An artist's depiction of two neutron stars colliding and rippling spacetime with gravitational waves. Photo: NASA*

**The school offers a general overview of the gravitational-wave science: a theoretical introduction on gravitational-waves and their astrophysical sources, the detectors, the data-analysis techniques and the scientific implications of the first detections**

## Confirmed speakers

Nicolas Arnaud  
Stanislav Babak  
Sebastiano Bernuzzi  
Tito dal Canton  
Eleonora Capocasa  
Eric Chassande-Mottin  
Giancarlo Cella  
Livia Conti  
Raffaele Flaminio  
Andreas Freise

Stavros Katsanevas  
Antoine Kuchner  
Giovanni Losurdo  
Jess McIver  
Walter de Pozzo  
Tania Regimbaud  
David Shoemaker  
Daniele Steer  
Susanna Vergani

## Organizers

M. Barsuglia (APC) - Chair  
A. Kuchner (APC) - ISAPP  
E. Coccia (GSSI) - ISAPP  
Marica Branchesi (GSSI)  
Giancarlo Cella (INFN Pisa)  
Gianluca Guidi (INFN Firenze-Urbino)  
Sarodia Vydelingum (EGO)  
Giulia Vannoni (APC)  
Olga Szydlowska (APC)

**More info:**

<https://indico.in2p3.fr/e/ISAPP2020GWs>



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