

# Daniel Marín Pina

PhD student



## About me

I am a first-year PhD student at the Universitat de Barcelona working on Fundamental Physics and Astrophysics from Gravitational Waves



0000-0001-6482-1842



danielmarin@icc.ub.edu



Barcelona (Spain)



+34 628615731

## Science

2020

### Published paper on NSBH mergers

"Precursory collapse in Neutron Star - Black Hole mergers", published in Phys. Review. Letters D

2019  
2021

### Analysis work in Gaia

Worked in high-performance computational analysing of spurious Gaia detection

## Collaborations

2019  
2021

### Gaia collaboration

ESA mission dedicated to 3D mapping the Galaxy

2021

### Virgo collaboration

Italy-based experimental setup to detect Gravitational Waves

### Other individual collaborations

Collaborations with Prof. Roberto Emparan and Prof. Mark Gieles

## Skills

High-performance computing

English/Spanish/Catalan/Chinese

## Research interests

Gravitational Waves

Black Hole Dynamics

Numerical Relativity