

CMM PDE Seminar

Speaker: Tomas Andrade (Instituto de Ciencias del Cosmos, Universidad de Barcelona)

Title: Simulations of black hole binaries and their gravitational waves.

Abstract: Our recently acquired ability to detect gravitational waves has expanded our senses and our possibilities of inquiring about the Universe. As a new era of gravitational wave detections rapidly unfolds, the importance of having accurate models for their signals becomes increasingly important. In this context, we will discuss numerical simulations of black hole binaries. In particular, we will focus on how they are made, what they help us achieve, and what are the current challenges in this research area.

To be held in person at **Sala de seminarios John Von Neumann, 7th floor**, Beauchef 851, and online via zoom:

<https://uchile.zoom.us/j/97687856555?pwd=MkZYZWpEY0YwUTBHT3ROK29ob1JYdz09>

Tuesday, November 22, 2022 at 12 Santiago time

For further information, see our webpage: <https://eventos.cmm.uchile.cl/pdeseminar/>

