GONÇALO CABRITA E CASTRO

EDUCATION

La Sapienza Università di Roma, Rome, Italy   *November 2018- Present*
PhD Degree in Physics

· Supervisor: Prof.Leonardo Gualtieri

Instituto Superior Técnico, Lisboa, Portugal   *September 2016 - July 2018*
Master's Degree in Technological Physical Engineering

· Supervisor: Prof. Vítor Cardoso
· Title of thesis: "Gravitational waves and massive gravitons"
· Grade Average - 18/20

École Polytechnique, Paris, France   *September 2016 - March 2017*

· ERASMUS student

Instituto Superior Técnico, Lisbon, Portugal   *September 2013 - June 2016*
Bachelor's Degree in Technological Physical Engineering

· Grade Average - 18/20

GRANTS AND FELLOWSHIPS

Progetto di avvio alla ricerca   *2020*

· Research grant for young researchers, 1k€, "The effects of the quadrupole in gravitational wave emission by extreme mass ratio inspirals", funded by Sapienza University of Rome, in collaboration with Gabriel Andres Piovano

International PhD fellowship   *2018-2021*

· Funded by Sapienza University of Rome

ACHIEVEMENTS

Diploma of Academic Merit
2013/2014, 2014/2015, 2016/2017

· Diploma awarded to students with B grade in ECTS classification scale.

Diploma of Academic Excellence
2015/2016

· Diploma awarded to students with A grade in ECTS classification scale.

PUBLICATIONS

Gonçalo Castro, Leonardo Gualtieri, Paolo Pani, "Hidden symmetry between rotational tidal Love numbers of spinning neutron stars", Phys. Rev. D 104, 044052; arXiv: gr-qc/2103.16595

Vitor Cardoso, Gonçalo Castro, Andrea Maselli, "Gravitational waves in massive gravity theories: waveforms, fluxes and constraints from extreme-mass-ratio mergers", Phys. Rev. Lett. 121, 251103; arXiv: gr-qc/1809.00673

CONFERENCES AND SEMINARS

GWverse@2021 Lisbon in Lisbon, Portugal   *30 August - 03 September 2021*

SCHOOLS

Kavli RISE Summer School on Gravitational Waves at Center for Theoretical Cosmology, Cambridge   *September 2019*

PHAROS PhD Training School: Multi-messenger physics and astrophysics with compact binaries at Jena FSU   *March 2019*

GraSPA 2016 at LAPP, Anncecy-le-Vieux   *July 2016*

Dynamical Systems Summer School at Calouste Gulbenkian Foundation   *July 2015*

COMPUTER SKILLS

Computer Languages	C, C++, Python, Mathematica
Tools	SVN, Git, Latex, ROOT, Gnuplot
Operating Systems	Linux, Windows

LANGUAGES

Portuguese	Native
English	Fluent
Italian	Intermediate
French	Intermediate
German	Rudimentary (A1 Level)