

Curriculum Vitae

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Current position. Full Professor of Physics at IST, Lisbon (Portugal) since 2016.

International Collaborations. Chair of GWverse COST Action *Black holes, gravitational waves and fundamental physics*, since 2017. Action has over 200 european members, 30 countries in Europe; Co-Chair of the Science Group for LISA, the largest current ESA mission; Chair of the portuguese GW LISA group.

Funding ID. PI of projects totaling over five Million Euros, including two European Research Council Grants, two European Researcher Exchange MC Grants and one European COST Action (Chair).

Teaching Experience. 10 years of teaching experience at undergraduate and graduate level. I have been awarded the “Excellent Teacher” distinction since joining, and belong to the 0.2% of faculty ranked as outstanding.

Contributions to the early career of excellent researchers. All PhD students and postdocs have embarked in their career of choice, with international recognition, awards and faculty positions. Notable examples: P. Pani, Marie Curie Fellow at Harvard, now ERC grantee and faculty at Rome “La Sapienza.” H. Witek, postdoc at Cambridge, currently STSF Fellow at King’s. R. Brito, *Abreu Faro & Gulbenkian* awards for exceptional thesis, postdoc at AEI. L. Bernard, *L’Oreal award*, permanent CNRS researcher at Meudon. C. Moore, joint postdoc between Cambridge and my group, permanent faculty at Birmingham. M. Casals, permanent faculty at Rio de Janeiro.

Scientific Adviser. Referee for all major journals in the field, including Nature, PRL, PRD, ApJ, etc. Advisor for the European Commission and for all the main National Science Foundations in Europe, Asia and US.

Organization of International Schools and Conferences. I organized over 30 international meetings and schools in 4 different continents. I am the SOC Chair for the GR22 in Valencia 2019, the largest meeting in the field.

Institution-building. Main proposer and Chair of GWverse COST Action (2017-2021; success rate $\sim 7\%$); Founding member of the Portuguese Society for Relativity and Gravitation (2015); Installation of *Baltasar*, a dedicated cluster with calls for projects from other teams (currently over 10 countries); *Gravitão*, an outreach effort for high-schools and general audiences, and *The Birth of an Idea*, where fellow scientists share their thoughts about the genesis of scientific ideas (in collaboration with artist Ana Sousa); I started the IST gravity group GRIT, the country’s largest and most active in the field. The group was (informally) ranked as “Exceptional” in a center formally ranked as “Excellent” by an international committee.

Publications. One book, five invited review monographs and ~ 200 papers in international refereed journals. Of these, one was published in Nature and 20 in Phys. Rev. Lett., the journals with highest impact factor in the field. The majority of my publications are co-authored by 3 or fewer persons. A complete list can be found at INSPIRES database.

Impact. Some of my work pioneered new directions in strong-field gravity, including tests on the nature of compact objects and tests of General Relativity. My published work attracted over 10000 non-self citations according to INSPIRES database, **50** citations per paper on average, with a Hirsch index of **h = 55**.

(Selected) Prizes or special awards in recognition of scientific achievements

2019 Scientific Associate (CERN)	2018 <i>Outstanding Citizen</i> (Argivai, Portugal)
2018 ERC Advanced Grant Panel PE2 member (declined)	2018 <i>IST Excelência no Ensino</i> (for exceptional faculty)
2017 <i>Chair</i> (elected, Marie Curie COST Action CA16104)	2017 <i>Chair (elected)</i> for GR22 – ISGRG
2016 <i>UL/CGD Award</i> for exceptional researchers	2016 <i>Outstanding Visiting Researcher</i> Rome “La Sapienza”
2015 <i>Ordem de Sant’Iago da Espada</i> title (awarded by President of the Portuguese Republic)	2014 <i>ERC Consolidator Grant</i>
2013 Distinguished Visiting Professor (UFPA, Brasil)	2013 Perimeter Institute Fellow
2010 UTL/Santander Totta Researcher	2010 <i>ERC Starting Grant</i>
	2009 Fulbright Scholar (University of Mississippi)