

CURRICULUM VITAE

David Brizuela

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LANGUAGES

Spanish: Mother tongue.
Basque: Fluent (EGA test, December 2000).
English: Fluent (C2 in BULATS test, January 2012).
German: Intermediate level (B2 in EOI Bilbao, June 2017).

EDUCATION

PhD Theoretical Physics Summa Cum Laude and European Mention
Title: High-order perturbation theory of spherical spacetimes
Supervisors: José M. Martín-García and Guillermo A. Mena Marugán
Universidad Autónoma de Madrid, Spain
April 2009
Postgraduate Certificate in Education (*Certificado de Aptitud Pedagógica*)
Universidad Complutense de Madrid, Spain
March 2006
Degree in Physics (*Licenciatura*)
Universidad Complutense de Madrid, Spain
June 2004

EXPERIENCE

University of the Basque Country (UPV/EHU), Spain
Associate Professor (*Profesor Titular*) Since April 2017

University of the Basque Country (UPV/EHU), Spain
Assistant Professor (*Profesor Adjunto*) September 2012 – April 2017

Max-Planck-Institut für Gravitationsphysik, Potsdam, Germany
Postdoc October 2011 – March 2012
Fellowship from the German Academic Exchange Service (DAAD).

The Pennsylvania State University, USA
Postdoc October 2010 – September 2011
Fellowship from the Spanish Ministry of Education.

Friedrich-Schiller-Universität Jena, Germany
Postdoc October 2009 – September 2010
Funded by the German Science Foundation (DFG) through SFB/TR7.

Instituto de Estructura de la Materia, CSIC, Madrid, Spain
Graduate student January 2005 – September 2009
I3P fellowship from CSIC (01/2005 – 09/2005) and FPI fellowship
from the Madrid Regional Government (10/2005 – 09/2009).

RESEARCH GRANTS	<p>Principal Investigator of 1 grant of the Spanish Ministry of Science, 221.500 euros (2018–2021).</p> <p>Part of the research team of 2 grants of the Basque Government (2013–2021).</p> <p>Part of the research team of 4 grants of the Spanish Ministry (2005–2017).</p>
ARTICLES	<p>28 papers published in international high-impact peer-review journals.</p> <p>1 submitted preprints.</p> <p>11 contributions to international conference proceedings.</p> <p>5 outreach publications.</p>
SCIENTIFIC MEETINGS	<p>13 oral contributions and 3 posters presented in international congresses.</p> <p>Attended 20 international congresses.</p> <p>Attended 3 international schools.</p>
TEACHING	<p>18 semesters (2012–2021) at UPV/EHU with a total of 111.5 ECTS credits taught at Bachelor and 8.7 ECTS credits at Master level.</p> <p>Summary of courses</p> <p><i>Physics</i> (Bachelor in Biology), 49.1 ECTS (2012–2021).</p> <p><i>Mathematical Methods</i> (Bachelor in Physics and Electronic Engineering), 53.4 ECTS (2012–2021).</p> <p><i>Seminar in Modern Physics</i> (Bachelor in Physics), 1.4 ECTS (2015, 2017, 2019).</p> <p><i>Astrophysics</i> (Bachelor in Physics), 4 ECTS (2021).</p> <p><i>Society, Science and Technology</i> (Degree in Human Sciences), 3.6 ECTS (2016–2020).</p> <p><i>Mathematical tools</i> (Master in Quantum Science), 8.7 ECTS (2017–2020).</p>
STUDENT SUPERVISION	<p>Supervised 16 Bachelor Theses (2014–2021).</p> <p>Supervised 4 Master Theses (2018–2021).</p> <p>On-going supervision of 2 PhD and 5 Bachelor Theses.</p>
ACADEMIC SERVICE	<p>Coordinator of the subject <i>Physics</i> in the Bachelors in Biology, Biotechnology, Biochemistry and Geology since September 2014.</p> <p>Member of the Academic Comission for the Double Bachelor Degree in Physics and Electronic Engineering since September 2014.</p> <p>Participation in the program <i>Tutorial Action</i> as tutor of students of the Bachelor in Physics since September 2012.</p> <p>Participation in the program <i>Physics in Action</i> as supervisor of high-school students (2013, 2015, 2017, 2018).</p> <p>Attended 9 courses (100 hours) of the programm <i>Educational Training for University Lecturers</i> at the UPV/EHU (2013 – 2015).</p> <p>Participation in 19 Bachelor Thesis and in 3 Master Thesis Commitees.</p>
COMPUTER LANGUAGES	<p>High expertise: Mathematica, Unix, Latex.</p> <p>Intermediate knowledge: C, Fortran and Python.</p>

OTHERS

Referee of the journals *Physical Review Letters*, *Physical Review D*, *Classical & Quantum Gravity*, *General Relativity & Gravitation*, *Physics of the Dark Universe*, *Mathematics*, *Proceedings of the Royal Society A*, *Annals of Physics*, *Scientific Reports*, and *Symmetry*.

Remote referee for the ERC 2019 call.

Coauthor of the modules *xPert* and *Harmonics* for Mathematica.