

Andreu Anglés-Castillo

Curriculum Vitae

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Current Position

PhD student in Physics, *Universitat de València*.

Education

2017–2018 **Master Degree in Advanced Physics**, *Universitat de València*, València.

2013–2017 **Physics Degree**, *Universitat de València*, València.

2015–2016 **Erasmus**, *Imperial College of London*, Londres.

Scholarships

2019–2023 **MCIN PhD scholarship (FPI)**, *Instituto de Física Corpuscular - Universitat de València*.
Supervisors: Armando Perez, Mari Carmen Bañuls, Inés de Vega

2017–2018 **Severo Ochoa collaboration scholarship**, *Instituto de Física Corpuscular*, Paterna.
Master Thesis scholarship. Supervisor: Armando Pérez

2016–2017 **Ministerio de Educación, Cultura y Deporte collaboration scholarship**, *Departament d'Astronomia i d'Astrofísica*, *Universitat de València*, València.
Collaboration scholarship in a department of the university. Supervisor: Manel Perucho

2015–2016 **Erasmus scholarship**, *Imperial College London*, Londres.

Languages

Spanish **Mother Tongue**.

Catalan **Mother Tongue and level C1**, *Junta Qualificadora de Coneixements de València*.

English **Level B2**, *First Certificate in English and Escuela Oficial de Idiomas*.

Publications

Oct. 2020 **On the deceleration of Fanaroff-Riley Class I jets: mass loading of magnetized jets by stellar winds**, *Andreu Anglés-Castillo, Manel Perucho, José María Martí, Robert A Laing*, DOI: 10.1093/mnras/staa3291.

Aug. 2020 **Prethermalization of quantum systems interacting with non-equilibrium environments**, *Andreu Anglés-Castillo, Mari Carmen Bañuls, Armando Pérez, Inés De Vega*, DOI: 10.1088/1367-2630/aba7f4.

Nov. 2019 **Quantum simulation of quantum relativistic diffusion via quantum walks**, *Pablo Arnault, Adrian Macquet, Andreu Anglés-Castillo, Iván Márquez-Martín, Vicente Pina-Canelles, Armando Pérez, Giuseppe Di Molfetta, Pablo Arrighi, Fabrice Debbsch*, DOI: 10.1088/1751-8121/ab8245 .

Schools and Congresses

- May 2021 **Quantum Information in Spain (ICE) - 6th edition**, *Online*, Contributed talk: Prethermalization of quantum systems interacting with non-equilibrium environments.
- Jan. 2020 **IBM Quantum Teach-The-Researcher**, *IBM Thomas J. Watson Research Center, Yorktown Heights, NY 10598, United States*.
- Oct. 2019 **Quantum Simulation and Computation (QSC2019)**, *ICMAT, Madrid, Spain*.

Collaborations

- 2018 **Research internship**, *Departament d'Astronomia i d'Astrofísica, Universitat de València, València*, On the deceleration of Fanaroff-Riley Class I jets: mass loading of magnetized jets by stellar winds.
Supervisor: Manel Perucho.
- 2017 **External internships**, *Instituto de Física Corpuscular, Paterna*, Warm Dark Matter and Cosmology.
Supervisor: Olga Mena.