



Ph.D. Position in Theoretical Particle Physics

The Institute of Corpuscular Physics, joint institute of Spanish Research Council (CSIC) and University of Valencia, Spain, invites applications from national and international students for a Ph.D. position in particle physics, with emphasis on phenomenology of physics beyond the Standard Model, dark matter and neutrino physics. The accepted applicant will pursue a Ph.D. degree in Theoretical Physics to be awarded by the University of Valencia.

Publication date of the call: 27/07/2020

Closing date of the call: 31/12/2020

The position will be opened until filled, but applications should be received before **1st of October 2020** to receive full consideration.

Starting date of the contract: from 01/10/2020 up to 01/01/2021

The starting date is somewhat flexible: the earliest being October 2020, the latest January 2021.

Features: The position is funded via a GenT Excellence Program by the regional government (Generalitat Valenciana). The Ph.D. candidate will join IFIC, in Valencia, one of the largest institutes in Europe for research in particle physics. The duration of the contract is 3+1 years. Travel funds will be available in order for the Ph.D. student to go to Particle Physics Schools to improve her/his expertise in the field, as well as to workshops and conferences to present her/his work. Research stays in other well-known international groups are also envisaged.

Requirements: Candidates must have a Masters degree in theoretical high-energy physics by the date of start of the Ph.D. contract. Candidates with a strong background in Theoretical Particle Physics (QFT, Elementary Particle Physics, Standard Model and Beyond...), Cosmology, Statistics and Numerics/Programming (Mathematica, C++, Python, etc) will be given preference. Applicants must be fluent in English. Female students are under-represented in STEM, and are encouraged to apply.

Applications: Applications should include a motivation letter, CV, academic transcripts of Bachelor's and Master's courses with grades, and contact information of two referees who may be contacted.

Further information: Do not hesitate to contact Juan Herrero-Garcia via email for more information.

Email:

juan.a.herrero@uv.es

herrero.garcia.juan@gmail.com