

## Expression of Interest



### Contact Person/Scientist in Charge

- **Name and surname:** Arcadi Santamaria Luna
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### Universitat de València – Estudi General

### Department / Institute / Centre

- **Name:** Elementary Particles: the Standard Model and Beyond /Institut de Física Corpuscular (IFIC)/Universitat de València-CSIC
- **Address:** Dr. Moliner 50, Burjassot, E-46100, Valencia, Spain
- **Province:** Valencia

### Research Area

- Physics (PHY)

### Brief description of the institution:

The University of Valencia (UV) stands out as one of the main public research organisations in Spain, with more than three thousand researchers integrated in 90 departments, 19 institutes and other research units belonging to social, biomedical, human, experimental and formal sciences. Along with human resources, the UV state-of-art premises and facilities, guarantee the quality of a vast scientific and technological offer available to the service of society.

The UV is a leading academic organisation at national level. Shanghai 2014 ranks UV among the top 200-300 universities in the world, and 4th best university in Spain. As per URAP 2014, the University of Valencia ranks third among all Spanish universities, first in Valencia region and 193th in the world.

University of Valencia is participating in several European projects under the subsequent RTD European Framework Programmes (I to VIII) and other European programmes: Erasmus, Leonardo, Life+, Cost, Third Health Programme, EEA Grants, Daphne III, Creative Europe... acting as several roles: coordinator,

contractor, associated contractor, member, host institution... having experience in the development and management of more than 300 European projects as a whole.

UV participated in 78 community actions financed under the VII FP (CSA, Collaborative Projects, MSCA, ERC grants, etc.) with the role of coordinator in 29 of them. Currently, we are participating in 20 projects financed under Horizon 2020, with the role of coordinator in 8 of them, and 16 projects under several European Programmes other than H2020

**Brief description of the Centre/Research Group (including URL if applicable):**

Our group (<http://particles.uv.es>) forms part of the IFIC, University of Valencia-CSIC (<http://ific.uv.es>) and of the Department of Theoretical Physics of the University of Valencia (<http://www.uv.es/fisteo>) and has a long record of experience in Theoretical Particle Physics. The senior staff of the group consists of Gabriela Barenboim, Jose Bernabeu, Jose Bordes, Vicent Gimenez, Sergio Palomares, Jose Peñarrocha, Armando Perez, Miguel Angel Sanchis, Arcadi Santamaria, Jordi Vidal and Oscar Vives.

- *Website of the Research Group / Department.*

Group: <http://particles.uv.es>

**Project description:**

- Particle physics phenomenology in the Standard Model and beyond (including collider, flavour, QCD, Higgs and neutrino physics) and its implications in Cosmology and Astrophysics.
- Quantum Information

**Applications**

We look for outstanding applicants since the fellowships are granted in competitive process. Applications must be received by August 15th, 2016 (preferably by July 31<sup>st</sup>, 2016).

Documents to be submitted:

- Curriculum vitae
- List of publications
- Summary of past research
- Research interests
- Contact address and affiliation of three persons who can provide references

Deadline: August 15th, 2016 (preferably by July 31<sup>st</sup>, 2016)