

BBVA Foundation Leonardo Grant for Researchers in Physics 2022

ICFO Prof Pelayo Garcia de Arquer receives prestigious grant

April 28, 2022

We are pleased to announce that ICFO Prof Pelayo Garcia de Arquer has been named one of five awardees of the BBVA Foundation Leonardo Grants for researchers in physics. This grant, awarded to mid-career level researchers whose work has shown to be highly innovative, allows great flexibility to adapt to the specific needs of each selected project, and can be carried out over a period of between 12 and 18 months.
A total of 105 applications were received for this call, with grants awarded to the following researchers:

Francisco Pelayo Garcia de Arquer, Group Leader at ICFO. **Project:** Accelerated discovery of catalysts in solution (i¿½Descubrimiento Acelerado de catalizadores en SOLucion- DASOL).

Gemma Busquet Rico, Researcher in the department of Quantum Physics and Astrophysics at

the Universitat de Barcelona. **Project:** Towards a new paradigm of radio emission in young stellar objects **(**i¿½Hacia un nuevo paradigma de la emision radio en objetos estelar s jovenesi¿½)

Alejandro Manjavacas Arevalo, lead scientists at the Instituto de Optica i¿½Daza e Valdesi¿½-CSIC**Project:** Optical response of periodic arrays of nanostructures (i¿½Respuesta optica de matrices periodicas de nanoestructurasi¿½)

Maria Moreno Llacer, Ramon y Cajal researchers at the Instituto de Fisica Corpuscular (IFIC, CSIC-UV). **Project:** New analysis of top quark interactions to unravel possible anomalies in lepton universality (i¿½Nuevos analisis de las interacciones del quark top para desentranar posibles anomalias en la universalidad leptonicai¿½)

Oleksiy Nikitin, investigador cientifico en el Donostia International Physics Center. **Project:** Optical angular momentum to detect nanoscale chiral molecules (i¿½Momento angul r optico para detectar moleculas quirales en nanoescala- nanoMOMENT)

The candidatures were evaluated by a commission of recognized experts in the field of physics, presided over by Rafael Bachiller Garcia, Director of theSpanish National Observatory (Observatorio Astronomico Nacional de Espana).

Congratulations Pelayo!