

**PHD POSITION**  
**At The**  
**INSTITUTE OF ASTROPHYSICS - FORTH**

In the upcoming months, the Institute of Astrophysics at the Foundation for Research and Technology – Hellas (IA-FORTH), in Greece, is expecting to recruit one (1) PhD student in the field of Infrared Extra-galactic Astronomy, who will work under the supervision of Dr. Tanio Diaz Santos and will collaborate with an international team of experts in the topic. The position will be funded by the Hellenic Foundation for Research and Innovation (ELIDEK) under the project entitled: **"XTREME: The Extended Interstellar Medium of Extreme Galaxies"**.

The PhD student is expected to mainly work on the processing, analysis and interpretation of mid- and far-infrared datasets obtained with the Spitzer Space Telescope and with the Herschel Space Observatory for a sample of interacting, luminous infrared galaxies in the nearby Universe. The PhD student is also expected to actively participate in follow-up observations of the galaxy sample and other similar sources using current and future ground- or space-based telescope facilities. They will also have the opportunity to work on projects related to the recently launched James Webb Space Telescope (JWST). There will also be possibilities to form collaborations with international experts in galaxy evolution via training periods and extended visits to the National Radio Astronomy Observatory (NRAO) in Charlottesville, VA, USA, at the group of Prof. Aaron Evans, as well as to the California Institute of Technology (Caltech) in Pasadena, CA, USA, at the group of Dr. Lee Armus.

The PhD fellow will need to be admitted and registered as a student at the Department of Physics of the University of Crete. The net monthly salary will be ~1000€. The recruitment process will remain open until the positions are filled. Interested candidates are invited to communicate with Dr. Tanio Diaz Santos by June 1<sup>st</sup> 2022 or earlier, sending their CV to [tanio@ia.forth.gr](mailto:tanio@ia.forth.gr)

The Institute of Astrophysics at the Foundation for Research and Technology – Hellas (IA-FORTH) is located at the island of Crete, in Greece, and it was founded in 2018, as recognition of the scientific excellence of the astrophysics group jointly supported for nearly 25 years by the Univ. of Crete and FORTH. It currently consists of 9 permanent researchers, as well as 9 postdocs and 13 PhD students. Over the years it has established close long-term collaborations with leading institutes in the US, such as Caltech, NASA/JPL, CfA/Harvard as well as in Europe including CEA/Saclay and Obs. de Paris (France), MPE and MPIfR (Germany), Oxford and Cambridge (UK). IA-FORTH also manages the 1.3m telescope at Skinakas Observatory, located at an altitude of 1750m at just 60km from the city of Heraklion.



More information is available at:

Institute of Astrophysics – FORTH: <http://www.ia.forth.gr>  
XTREME project: [XTREME: The Extended ISM of Extreme Galaxies](http://www.ia.forth.gr/XTREME)  
Dr. Tanio Diaz Santos: <https://www.ia.forth.gr/people/DiazSantos>