

**One (1) Postdoctoral Research Fellow in the project  
XTREME: The Extended Interstellar Medium of Infrared Galaxies  
Funded by the Hellenic Foundation for Research and Innovation**

The Institute of Astrophysics (IA), of the Foundation for Research and Technology Hellas (FORTH) is seeking to recruit **one (1) Post-doctoral Fellow** in the framework of the HFRI funded project **XTREME** (project number: 3382)

### **Job Description**

The project **XTREME** aims to perform a systematic multi-wavelength spectroscopic study of the physical properties of the extended regions seen in nearby luminous infrared galaxies, combining the power of some of the largest ground- and space-based telescope facilities.

The successful candidate must have a PhD degree in Physics, Astrophysics, or a similar discipline, with extensive background in observational analysis of spectral data of luminous infrared galaxies, being proven by a strong publication record, previous experience and/or thesis subject and reference letters.

The IA at FORTH is a major research organization in Greece, with the mission to pursue high quality basic and applied research. IA (<https://www.ia.forth.gr/>) focuses its activities on cutting-edge astrophysics problems, including the physics of galaxies and the interstellar medium, high-energy astrophysics, and cosmology. The successful applicant will work in close collaboration with scientists at the California Institute of Technology (Caltech) and the National Radio Astronomy Observatory (NRAO), in US. They will also be in direct contact with the members of the astronomy group at the University of Crete.

	<b>Evaluation criteria</b>	<b>Maximum points</b>
1.	Publication record	30
2.	Statement of previous research	30
3.	Required technical skills	40
<b>TOTAL</b>		<b>100</b>

### **Required qualifications**

- PhD degree in Physics, Astrophysics, or similar discipline,
- Required technical skills: Experience in interferometric observations, analysis of 3D spectral cubes, modelling of interstellar medium features, and use of statistical inference methods,
- Working knowledge of English.

**Location:** IA-FORTH, Heraklion Crete GREECE

**Estimated Starting Date:** October 2022



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**Project Duration:** 24 Months (plus up to one year more depending on the project's needs and budget).

**Net Monthly Salary:** The salary is adjusted in accordance with the provisions of the Greek legislation.

### **Application Submission**

Applications received before the 22nd of August 2022 will be given full consideration. Interested candidates who meet the requirements are kindly asked to submit their applications to the secretariat of IA Ms. E. Tsentelierou ([info@ia.forth.gr](mailto:info@ia.forth.gr)), with cc to the Scientific Coordinator of the project Dr. Tanio Diaz Santos ([tanio@ia.forth.gr](mailto:tanio@ia.forth.gr)). To be considered, the application must include:

- Cover letter
- Application
- Detailed CV and list of publications
- Statement of previous research (up to 2 pages)
- Names and contact details of three individuals who could provide letters of support
- Scanned copies of academic titles

### **Contact**

For practical information and questions regarding the application and selection procedure, candidates are asked to contact the secretariat E. Tsentelierou ( { HYPERLINK "mailto:info@ia.forth.gr" } ). For information regarding the scientific goals of the advertised position and the potential of the research project in general, please contact Dr. Tanio Diaz Santos ( { HYPERLINK "mailto:tanio@ia.forth.gr" } ).

### **Evaluation procedure**

Applications will be evaluated by a three-member evaluation committee. In case of interview procedure, candidates will be invited to participate in person or videoconference.

Proposals submitted after the above date and time will be rejected as late and will not be evaluated. Incomplete applications and applications without reference to the job offer code will not be taken into consideration. Qualifications mentioned either in the application or in the CV, but not supported by the submission of the relevant supporting documents, will not be taken into account in the final ranking of candidates.

The candidates with academic titles awarded by foreign Higher Education Institutions, must have certificates of recognition from DOATAP – Hellenic National Academic Recognition and Information Center (Hellenic NARIC). DOATAP is the official body of the Hellenic Republic for the academic recognition of titles and qualifications awarded by foreign Higher Education



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Institutions, as well as for the provision of accurate information on the Higher Education Institutions and qualifications in Greece and abroad.

The announcement of the results will be posted on the website of FORTH-IA. This publication confers the right to object to the results within 5 working days of the date of the results announcement. The selected candidates will be notified personally regarding the success of his/her application and will be requested to submit certified copies of his/her degrees. In the event that the documents submitted do not agree with the original application the candidate will be dismissed.

### **GDPR Disclaimer**

FORTH is compliant with all legal procedures for the processing of personal data as defined by the Regulation EU/2016/679 on the protection of natural persons with regard to the processing of personal data.

FORTH processes the personal data and relevant supporting documents that you have submitted to us. Processing of that data is carried out exclusively for the needs and purposes of this specific call. Such data shall not be transmitted to or communicated to any third party unless required by law.

FORTH retains the above data up to the announcement of the final results of the call, unless further process and reservation is required by law or for purposes of exercise, enforcement, prosecution of certain one's legitimate legal rights' as defined in the Regulation EU/2016/679 and/or in national law.

We inform you that under the Regulation EU/2016/679 you have the rights to be informed about your personal data, access to, rectification and erasure, restrictions of process and objection to as provided by applicable regulation and national laws.

We acknowledge also to you, that you have the right to file a complaint to the national Data Protection Authority. For any further information regarding exercise of your personal data protection rights, you may contact the Data Protection Officer at FORTH at { [HYPERLINK "mailto:dpo@admin.forth.gr" }](mailto:dpo@admin.forth.gr).

You have the right to withdraw your application and consent for the processing of your personal data at any time. We inform you that, in this case, FORTH shall destroy such documents and/or supporting documents submitted and shall delete the related personal data.