

**One (1) PhD Student Position  
(ΠΑΡ00860)**

The Institute of Astrophysics (IA) of the Foundation for Research and Technology Hellas (FORTH), in the framework of the project for the Further development of CYprus models for Galaxies and their NUclear Spectra, CYGNUS+ (Call: AO/1-10838/21/NL/SC; Project: ESA-CIP-PTS-PECS-LE-2021-00541) funded by the Fifth Call for Outline Proposals under the Plan for European Cooperating States (PECS) in Cyprus, is seeking to recruit one (1) PhD student in "Developing software tools for the modeling of emission line and spectral energy distributions in galaxies".

**Job Description**

To develop python tools to fit infrared spectral energy distributions, including spectral features such as emission lines, dust continuum, absorption complexes, etc., obtained with the James Webb Space Telescope (JWST) and the Atacama Large Millimeter/sub-millimeter Array (ALMA), within the context of the further development and testing of the CAFE-NG code.

- \* Candidates need to be already enrolled in a PhD program in Astrophysics or related fields
- \* Candidates need to have MS degree in Astrophysics or related fields
- \* Candidates need to be fluent in English
- \* Candidates need to have some experience with infrared observations and 3D-cube data processing and analysis, as well as a background or experience in works related to the physics of the interstellar medium of galaxies.

**Required qualifications and evaluation metrics**

- Grade of MS Degree (25%)
- GPA on Undergraduate Astrophysics Courses (25%)
- Relevance of CV and research statement to the project description and needs (50%)

	<b>Evaluation criteria</b>	<b>Maximum score</b>
1.	Grade of MS Degree	25
2.	GPA on Undergraduate Astrophysics Courses	25
3.	Relevance of CV and research statement to the project description and needs	50
<b>Total score</b>		<b>100</b>



Location: IA-FORTH, Heraklion Crete GREECE

Start Date (earliest): January 1st, 2024

Project Duration: 12 Months with possibility of extension according to the needs of the project

Monthly Salary: 900 euro

### Application Submission

Interested candidates who meet the aforementioned requirements are kindly asked to submit their applications, no later than November 27th, 2023, 23:59 local Greece time to the address ([info@ia.forth.gr](mailto:info@ia.forth.gr)), with cc to the Scientific Coordinator Dr. Tanio Diaz Santos ([tanio@ia.forth.gr](mailto:tanio@ia.forth.gr)). In order to be considered, the application must include:

- Application Form (please download file from the job announcement webpage <https://www.ia.forth.gr/employment-opportunities>)
- CV, including publications, if any
- Research statement highlighting the relevance of previous work to the project
- Scanned copies of academic titles

**Any application received after the deadline will not be considered for the selection**

### Contact

For information and questions regarding the application and selection procedure, candidates are asked to contact the secretariat ([info@ia.forth.gr](mailto:info@ia.forth.gr)), tel. +30 2810-394200. For information and questions about the advertised position and the research activity of the group or the institute, please contact Dr. Tanio Diaz Santos ([tanio@ia.forth.gr](mailto:tanio@ia.forth.gr)), tel. +30 2810-394234.

### Selection Announcement

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

In case of titles and qualifications awarded by foreign Higher Education Institutions, the provisions of the Law 55/2023 (article 36) and 4957/2022 (article 304) are implemented.

The result of the selection will be announced on the website of IA-FORTH.

Candidates have the right to appeal the selection decision, by addressing their written objection to the IA secretariat within five (5) days since the results announcement on the web. They also have the right to access (a) the files of the candidates as well as (b) the table of candidates' scores (ranking of candidates results). All the above information related to the selection procedure will be available at the secretariat of IA-FORTH in line with the Hellenic Data Protection Authority.

**GDPR**

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. 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.

Applicants have the right to file a complaint to the national Data Protection Authority. For any further information regarding exercise of personal data protection rights, applicants may contact the Data Protection Officer at FORTH at [dpo@admin.forth.gr](mailto:dpo@admin.forth.gr).

Applicants have the right to withdraw their application and consent for the processing of their personal data at any time. In this case, FORTH shall destroy such documents and/or supporting documents submitted and shall delete the related personal data.