



HELLENIC REPUBLIC  
MINISTRY OF DEVELOPMENT & INVESTMENTS  
GENERAL SECRETARIAT FOR RESEARCH AND INNOVATION



**FORTH**  
FOUNDATION FOR RESEARCH & TECHNOLOGY - HELLAS  
INSTITUTE OF ASTROPHYSICS

## One (1) Undergraduate Student position in the project

### “PASIPHAE”

**Overcoming the Dominant Foreground of Inflationary B-modes: Tomography of Galactic Magnetic Dust  
via Measurements of Starlight Polarization**

*(Call: ERC-2017-COG, GA 771282)*

***Funded under H2020-EU.1.1. - EXCELLENT SCIENCE - European Research Council (ERC)***

**Ref. 60751**

**Heraklion, 13.09.2021**

The Institute of Astrophysics (IA) of the Foundation for Research and Technology Hellas (FORTH), in the framework of the project PASIPHAE, (Call: ERC-2017-COG, Proposal number: 771282) funded under H2020-EU.1.1. - EXCELLENT SCIENCE - European Research Council (ERC) - Technologies for Factories of the Future, is seeking to recruit one (1) undergraduate student.

**Title:** “Cosmological Analysis of Large- and Intermediate-scale Structures with Analytical and Semi-Analytical Tools, aiming to probe the dark sector”.

#### **Job Description**

Analysis of galactic and sub-galactic scale structures in the Universe, that can provide complementary to B-modes constraints of dark sector physics, including dark matter, dark energy, and the inflaton field.

- \* Candidates need to be fluent in English (level: Proficiency or existing publication in the English language)
- \* Candidates must be registered in an undergraduate Program in Physics.
- \* Candidates must have background in programming and in astrophysics (formal courses and/or projects)

#### **Required qualifications**

- running GPA in Physics (60%)
- GPA on Astrophysics Courses (40%)
- past publication experience

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



**European  
Commission**

Horizon 2020  
European Union funding  
for Research & Innovation

[www.ia.forth.gr](http://www.ia.forth.gr)

Nikolaou Plastira 100  
Vasilika Vouton  
GR 700 13 Heraklion  
Tel. +30 2810-394200  
Fax +30 2810-394201  
Email:  
[info@ia.forth.gr](mailto:info@ia.forth.gr)



HELLENIC REPUBLIC  
MINISTRY OF DEVELOPMENT & INVESTMENTS  
GENERAL SECRETARIAT FOR RESEARCH AND INNOVATION



**FORTH**  
FOUNDATION FOR RESEARCH & TECHNOLOGY - HELLAS  
INSTITUTE OF ASTROPHYSICS

**Start Date (earliest):** November 1, 2021

**Project Duration:** 3 Months with possibility of extension according to the needs of the project

**Monthly Salary:** 400 euro

### Application Submission

Interested candidates who meet the aforementioned requirements are kindly asked to submit their applications, no later than **September 29<sup>th</sup> 2021, 23:59 local Greece** time to the address ([info@ia.forth.gr](mailto:info@ia.forth.gr)), with cc to the Scientific Coordinator Prof. Konstantinos Tassis ([tassis@physics.uoc.gr](mailto:tassis@physics.uoc.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>)
- Brief CV
- 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 Prof. Konstantinos Tassis ([tassis@physics.uoc.gr](mailto:tassis@physics.uoc.gr)), tel. +30 2810-394219.



European  
Commission

Horizon 2020  
European Union funding  
for Research & Innovation

[www.ia.forth.gr](http://www.ia.forth.gr)

Nikolaou Plastira 100  
Vasilika Vouton  
GR 700 13 Heraklion  
Tel. +30 2810-394200  
Fax +30 2810-394201  
Email:  
[info@ia.forth.gr](mailto:info@ia.forth.gr)



HELLENIC REPUBLIC  
MINISTRY OF DEVELOPMENT & INVESTMENTS  
GENERAL SECRETARIAT FOR RESEARCH AND INNOVATION



**FORTH**  
FOUNDATION FOR RESEARCH & TECHNOLOGY - HELLAS  
INSTITUTE OF ASTROPHYSICS

### Selection Announcement

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 IESL 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 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 [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.



European  
Commission

Horizon 2020  
European Union funding  
for Research & Innovation

[www.ia.forth.gr](http://www.ia.forth.gr)

Nikolaou Plastira 100  
Vasilika Vouton  
GR 700 13 Heraklion  
Tel. +30 2810-394200  
Fax +30 2810-394201  
Email:  
[info@ia.forth.gr](mailto:info@ia.forth.gr)