



## Two (2) post-doc positions 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)



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Commission

Horizon 2020  
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The Institute of Electronic Structure and Laser (IESL) 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), is seeking to recruit two (2) post-doctoral researchers.

#### **Job 1**

#### **Description**

Optopolarimetric observations from the Skinakas Observatory, their analysis and interpretation for studies of the interstellar medium, the Galactic magnetic field, and extragalactic sources.

#### **Required qualifications for Job 1**

- Scientific publications relevant to the topic in international scientific journals (30%)
- Experience in performing optopolarimetric observations (30%)
- Experience with analysis and/or interpretation of optopolarimetric data (30%)
- Experience with statistical analysis tools (10%)

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

**Start Date (earliest):** April 1, 2019

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

**Budget:** 2000 - 2500 euro

**Job 2****Description**

Analysis and interpretation of HST, Chandra, and XMM-Newton observations of nearby galaxies and comparison with polarimetric observations of the extended emission and discrete sources in these galaxies.

**Required qualifications for Job 2**

- Extensive experience in the reduction and interpretation of HST, Chandra, and XMM-Newton observations of galaxies (33%)
- Experience in the study of X-ray binary populations in nearby galaxies (X-ray luminosity functions, photometry, spectral analysis), and our Galaxy (jet emission, and their effect in the ISM) (33%)
- Experience in the study of photonionization nebulae around X-ray binaries (33%)

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

**Start Date (earliest):** April 1, 2019

**Project Duration:** 6 Months (part time option possible) with possibility of extension according to the needs of the project

**Budget:** 1100 - 1200 euro

**Application Submission**

Interested candidates who meet the aforementioned requirements are kindly asked to submit their applications, no later than **February 22, 2018, 23:59 local Greece** time to the address ([hr@iesl.forth.gr](mailto:hr@iesl.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 <http://www.iesl.forth.gr/research/showfile.aspx?id=201902071180>)
- 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 ([hr@iesl.forth.gr](mailto:hr@iesl.forth.gr)), tel. +30 2810-391301.

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.

**Selection Announcement**

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