



Patras, 5/9/2022

Ref. No.: 87741

**Invitation for Expression of Interest:  
PhD Fellowship “Experimental Aerosol-Cloud Interactions”**

The Institute of Chemical Engineering Sciences, Foundation of Research and Technology - Hellas, (FORTH/ICE-HT) is seeking applicants for one PhD candidate position in the context of the research project “Pyrogenic Transformations Affecting Climate and Health”, Grant Agreement number: 726165 — PyroTRACH — ERC-2016-COG, which is implemented under the H2020-EU.1.1. - EXCELLENT SCIENCE - European Research Council (ERC).

**Job Description**

To conduct research as a PhD Candidate in the framework of the aforementioned project "PyroTRACH". The main objective of PyroTRACH is to quantify the evolution of biomass burning emissions in the atmosphere together with their impacts on human health and climate. The objective of this position is to analyze data collected from the CALISHTO Aerosol-cloud interaction campaign, to writeup and publish related research results in peer-review journals to present results in scientific conferences and to support related ongoing activities in the research group.

**Location:** FORTH/ICE-HT, Patras, Greece

**Duration:** up to 3 months, with the potential of renewal or extension according to the needs of the project and performance

**Fellowship:** up to 600 € per month (graduate fellowship) depending on qualifications

**Envisaged starting date:** 1 November 2022

**Requirements and Qualifications**

Candidates with a Diploma in Chemical Engineering, Physics, Engineering or related fields are eligible. Candidate should have been registered as a PhD Candidate in Chemical Engineering or atmospheric physics or related fields, with prior experience in atmospheric aerosol and cloud measurements, with an emphasis on Lidar and Cloud Radar, and with field work experience (at least 6 months). Moreover, candidates must have good knowledge of the Greek and English (level B1) language.

The evaluation of the candidacies will be based on the following criteria and qualifications:

Qualifications	Weight	Evaluation criteria
Proven experience in atmospheric aerosol and cloud measurements, with an emphasis on Lidar and Cloud Radar measurements in the field	70	7 points per month with a maximum of 70 points
Relevance of diploma thesis to atmospheric aerosols or clouds	20	Strong relevance: 20 points, good relevance: 15, medium relevance: 10 points, weak relevance: 5 points



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

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Publications in peer-review international journals or publications in conference proceedings on atmospheric aerosols and clouds	10	5 points/publication, with a maximum of 10 points
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### Application Submission

Interested candidates who meet the aforementioned requirements should submit their applications, no later than 21/9/2022, 16:00h, by email to Kleanthi Zacharopoulou: [kleanthi@iceht.forth.gr](mailto:kleanthi@iceht.forth.gr).

In order to be considered, the application must include:

- Application letter
- CV
- Scanned copies of academic titles & English language certificate
- Certificate of registration as a PhD candidate
- Copy of diploma thesis
- Copies of publications in peer-review international journals or publications in conference proceedings on atmospheric aerosols and clouds
- Employer's certificate and any other official documentation of the required experience

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

### Selection Procedure

Applications that are received on time will be evaluated by a scientific committee using the criteria mentioned above. If necessary, certain candidates will be invited to a personal interview with the committee.

Interview Criteria:

(a) Background in the objective of the assignment (5 points). (b) Organizational and communication skills (5 points). (c) Team-spirit and self-motivation (5 points). (d) Commitment to achieving the goals (5 points)

The outcome of the selection will be announced on the website of FORTH/ICE-HT as well as on the website of "DIAVGEIA".

### Selection Announcement

The result of the selection will be announced on the website of: FORTH/ICE-HT.

Candidates have the right to appeal the selection decision, by addressing their written objection to the FORTH/ICE-HT Research Secretariat, e-mail: [kleanthi@iceht.forth.gr](mailto:kleanthi@iceht.forth.gr), within five (5) days after the results announcement on the web.

### Contact

For information and questions regarding the application and selection procedure, candidates are asked to contact the FORTH/ICE-HT Research Secretariat, e-mail: [kleanthi@iceht.forth.gr](mailto:kleanthi@iceht.forth.gr), tel.: +30 2610 965278.

For information and questions about the advertised position and the research activity of the group or the Institute, candidates are asked to contact Professor Athanasios Nenes, tel: +30 2610 965343, e-mail: [athanasios.nenes@epfl.ch](mailto:athanasios.nenes@epfl.ch).

**General Protection Data Regulation**

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.

For FORTH/ICE-HT,

Vasilis Burganos  
Director