



Patras, 21.11.2023

Ref. No.: 125731

### Invitation for Expression of Interest:

**PhD fellowship: “Measurement the interfacial and wetting properties of PFAS aqueous solutions, and control of the stabilization and rheological properties of PFAS-based oil-in-water emulsions”**

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 “Strategies for health protection, pollution Control and Elimination of Next generAtion Refractive Organic chemicals from the Soil, vadose zone and water, acronym “SCENARIOS”, “Grant Agreement number: 101037509 — SCENARIOS — H2020-LC-GD-2020 / H2020-LC-GD-20203”, which is implemented under the H2020 Research and Innovation Action.

### Job Description

To conduct, as a PhD candidate, research in the framework of the aforementioned project "SCENARIOS". The main objective of the specific part of SCENARIOS is to measure the interfacial and wetting properties of PFAS aqueous solutions, and control the stabilization and rheological properties of PFAS-based oil-in-water emulsions.

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

**Duration:** up to 6 months, with the potential of renewal or extension according to the needs of the project

**Fellowship:** up to 900 € per month (graduate fellowship) depending on qualifications

**Envisaged starting date:** 01/01/2024

### Requirements and Qualifications

- MSc degree in Natural Sciences / Environmental Sciences / Engineering
- The candidate should have been registered in a University PhD program
- Proven participation in research projects funded by the EC or the State
- Relevant publications in international peer-reviewed journals and conference proceedings
- Proven experience in the measurement of surface / interfacial tension, contact angle, and rheological properties
- Good knowledge of the Greek and English (at least B1 level) language

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

Qualifications	Weight	Evaluation criteria
Experience on the measurement of surface / interfacial tension, contact angle, and rheological properties of fluids	25	Duration of proven experience in relevant projects (5 points per 12 months of employment in relevant projects with a maximum of 25 points)

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Publications in international journals and peer-reviewed conference proceedings in the aforementioned subjects	25	Number of publications in journals and peer-reviewed conference proceedings in the aforementioned subjects (5 points per publication with a maximum of 25 points)
PhD thesis relevant to the subject area of the position	15	Relevance of the PhD thesis: strong relevance: 15 points, medium relevance: 10 points, weak relevance: 5 points
MSc thesis relevant to the subject area of the position	15	Relevance to the subject area: strong relevance: 15 points, medium relevance: 10 points, weak relevance: 5 points
MSc degree	10	Degree grade X 1.0 points
Knowledge of the English language	10	B2: 5 points C1: 8 points C2: 10 points
<b>TOTAL</b>	<b>100</b>	

### Application Submission

Interested candidates who meet the aforementioned requirements should submit their applications, no later than **1.12.2023**, 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
- Copies of the publications in peer-reviewed journals and conference proceedings
- Copy of the Master's diploma thesis
- Certificate of PhD thesis title
- 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)

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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 Dr. Christos Tsakiroglou (Research Director, FORTH/ICE-HT), tel: +30 2610 965212, e-mail: [ctsakir@iceht.forth.gr](mailto:ctsakir@iceht.forth.gr).

### **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,  
Theophilos Ioannides  
Director

