



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



**FORTH**

FOUNDATION FOR RESEARCH & TECHNOLOGY - HELLAS  
INSTITUTE OF CHEMICAL ENGINEERING SCIENCES

Patras, 10.02.2022

Ref. No.: 71881

### Invitation for Expression of Interest:

#### PhD fellowship "Cold plasma processes for PFAS removal from soil and water"

The Institute of Chemical Engineering Sciences, Foundation of Research and Technology - Hellas, (FORTH/ICE- HT) is seeking applicants for one PhD 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-2020-3", which is implemented under the H2020 Research and Innovation Action.

#### Job Description

To conduct research as a PhD fellow, under a PhD fellowship, in the framework of the aforementioned project "SCENARIOS". The main objective of the specific part of SCENARIOS is to develop adsorbents for PFAs removal from water and the modification of adsorbents surface through cold plasma to increase their sorption capacity.

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

**Duration:** up to 12 months, with the potential of renewal or extension according to the needs of the project

**Fellowship:** up to 840 € per month (graduate fellowship)

**Envisaged starting date:** 01/04/2022

#### Requirements and Qualifications

The applicant should hold undergraduate B.S. in Natural Sciences or Diploma in Engineering Sciences and have been registered as a PhD Candidate in Natural Sciences or Engineering. Experience with cold plasma technology is strongly favored. Candidates must have good knowledge of the Greek and English (level B2) language.

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

Qualifications	Points	Evaluation criteria
Bachelor degree	20	Degree grade X 2 points
Master thesis relevant to cold plasma processes	20	Relevance of the master's thesis: strong relevance: 20 points, medium relevance: 15 points, weak relevance: 5 points
Experience on cold plasma treatment of aqueous solutions	20	Relevance to master's thesis (strong (relevance: 15 points, medium relevance: 10 points, weak relevance: 5 points), number of

**SCENARIOS**



		relevant publications (1 point/publication, max 5 points)
English language degree	20	Level C2: 20 points, C1: 15 points
Interview	20	(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)

### Application Submission

Interested candidates who meet the aforementioned requirements should submit their applications, no later than 25/2/2022, 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
- Any document to support the aforementioned required qualifications and evaluation criteria

**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

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 Aggelopoulos (Assistant Researcher FORTH/ICE-HT), tel: +30 2610 965205, e-mail: [caggelop@iceht.forth.gr](mailto:caggelop@iceht.forth.gr).

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**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

