



HELLENIC REPUBLIC  
MINISTRY OF DEVELOPMENT  
GENERAL SECRETARIAT FOR RESEARCH & INNOVATION



**FORTH**

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

Patras, 16.4.2025

Ref. No.: 175705



Horizon2020  
European Union Funding  
for Research & Innovation

### Invitation for Expression of Interest:

#### PhD fellowship “Physicochemical characterization of materials and water”

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 «Comprehensive and sustainable solution to minimize food loss and waste and promoting food security in the Mediterranean region», acronym: FUSION, GA: 2431, which is implemented under the “Mediterranean Area Programme (PRIMA)” supported by the European Union’s Horizon 2020 research and innovation programme».

#### Job Description

To conduct research as a PhD candidate in the framework of the aforementioned project “FUSION”. The main objective of FUSION is “Physicochemical characterization of materials and water”.

**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 approximately 840 € per month (graduate fellowship) depending on qualifications.

**Envisaged starting date:** 01/06/2025

#### Requirements and Qualifications

The applicant should have a BSc in Chemistry or Materials Science or relevant field and a MSc Degree in relative field. The candidate should have been registered as a PhD candidate in a department of Chemistry or Materials Science or related discipline. Experience using: (i) plasma technology setups, (ii) characterization techniques for the physicochemical properties of materials and/or water, is required. Candidates must be fluent in Greek and have a good knowledge of English (at least B2 level).

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



Horizon2020  
European Union Funding  
for Research & Innovation

Qualifications	Weight	Evaluation criteria
Successful completion of postgraduate courses related to materials and/or water and their characterization	20	Demonstrated through the transcript of courses and grades: 5 credits/course, with a maximum of 20 points
Experience in characterization techniques, such as TGA, XPS and BET	20	Duration of the proven research experience in characterization techniques: 5 points per month, up to 20 points
Proven experience in the use of plasma technology setups	20	Demonstrated through publications in international peer reviewed Journals, 5 points/publication, with a maximum of 20 points
BSc grade	20	BSc grade x 2 points
Knowledge of English Language	20	10 points (C1), 20 points (C2)
<b>Overall</b>	<b>100</b>	

### Application Submission

Interested candidates who meet the aforementioned requirements should submit their applications, no later than 30/4/2025, 16:00h., by email to Kleanthi Zacharopoulou: [kleanthi@iceht.forth.gr](mailto:kleanthi@iceht.forth.gr), cc.: Christos Aggelopoulos: [caggelop@iceht.forth.gr](mailto:caggelop@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
- Employer's certificate and any other official documentation of the required experience
- Copies of publications in international peer reviewed Journals
- Copy of transcript of postgraduate courses and grades

**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".

In case of titles and qualifications awarded by foreign Higher Education Institutions, the provisions of the Law 55/2023 (article 36) and 4957/2022 (article 304) are implemented.



Horizon2020  
European Union Funding  
for Research & Innovation

**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: tel: 30 2610 965205, email: [caggelop@iceht.forth.gr](mailto:caggelop@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,

Theofilos Ioannides  
Director



Horizon2020  
European Union Funding  
for Research & Innovation