



HELLENIC REPUBLIC
MINISTRY OF DEVELOPMENT
GENERAL SECRETARIAT FOR RESEARCH & INNOVATION



FORTH

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

Patras, 20.6.2025

Ref. No.:183582

SCENARIOS



Invitation for Expression of Interest:

PhD fellowship “Physicochemical characterization of plasma activated 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 “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 research as a PhD candidate in the framework of the aforementioned project SCENARIOS. To conduct experimental work on physicochemical characterization of plasma activated water and plasma processes for water treatment. The job will also involve participation in the daily implementation of SCENARIOS project deliverables and preparation of reports to Project Coordinator and EC.

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

Fellowship: up to 840 € per month (graduate fellowship) depending on qualifications

Envisaged starting date: 01/8/2025

Requirements and Qualifications

The applicant should hold a BSc in Natural Sciences or a diploma in Engineering. The candidate should have been registered as a PhD Candidate in Natural Sciences/Engineering. Experience with cold plasma technology is strongly favored. Candidates must have good knowledge of the Greek and English (at least C1) language. Participation in research projects would be favored.

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

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Qualifications	Weight	Evaluation criteria
Experience on plasma processes with application to aqueous solutions	20	Number of relevant publications in Journals and/or conferences (4 point/publication, max 20 points)
MSc thesis relevant to water treatment by cold plasma	20	Relevance of the MSc thesis: strong relevance: 20 points, medium relevance: 15 points, weak relevance: 10 points
MSc degree grade	20	Grade X 2 points
Participation in research projects related to cold plasma technology	20	Duration of proven participation in relevant projects (5 points/semester, max. 20 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)
Overall	100	

Application Submission

Interested candidates who meet the aforementioned requirements should submit their applications, no later than 2/7/2025, 16:00h, by email to Kleanthi Zacharopoulou: kleanthi@iceht.forth.gr, cc: 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
- Copy of the MSc diploma thesis
- Copies of publications in Journals and/or conferences
- 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.

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.

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, 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, 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, e-mail: 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.

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

