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HELLENIC REPUBLIC
MINISTRY OF DEVELOPMENT
GENERAL SECRETARIAT FOR RESEARCH & INNOVATION

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

Patras, 23.11.2026
Ref. No.: 242756

PRIMA
PARTNERSHIP FOR RESEARCH AND INNOVATION IN THE MEDITERRANEAN AREA

Co-funded by the European Union

This project GA2431 is part of the PRIMA programme supported by the European Union.

Invitation for Expression of Interest:
Postdoctoral Research Assignment "Optimization of plasma processes for water disinfection"

The Institute of Chemical Engineering Sciences, Foundation for Research and Technology – Hellas (FORTH/ICE-HT) is seeking applicants for one postdoctoral research assignment 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 under a work assignment or a fixed-term employment contract research in the framework of the aforementioned project "FUSION". The main objective of FUSION is "Plasma treatment for food disinfection".

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
Salary: up to 2000 € per month (total cost of the employer, including social security and taxes) depending on the qualifications and time devoted to project
Envisaged starting date: 01/01/2027

Requirements and Qualifications
The applicant should hold a BSc in Natural Sciences or a Diploma in Engineering. A PhD in Natural Sciences is required. Experience with cold plasma technology is strongly favored. Candidates must have very good knowledge of the Greek and English (at least level C1) language.

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

Qualifications	Weight	Evaluation criteria
Experience with cold plasma treatment of water	20	Number of relevant publications in Journals (5 points/publication, max 20 points)
PhD thesis relevant to cold plasma processes for water treatment	20	Relevance of the thesis: strong relevance: 20 points, medium relevance: 15 points, weak relevance: 5 points
MSc degree grade	20	Grade X 2 points
Participation in research projects related to cold plasma processes for water remediation	20	Duration of proven participation in relevant projects (5 points/year, max. 20 points)
Interview	20	(a) the candidate's broader scientific background in the field of the position to be filled (10 points), (b) independence in carrying out a high-quality research (5 points), (c) ability to collaborate and effectively communicate ideas within a research group (5 points)
Overall	**100**	

Application Submission
Interested candidates who meet the aforementioned requirements should submit their applications, no later than 3/12/2026, 16:00h., by email to Kleanthi Zacharopoulou: kleanthi@iceht.forth.gr, cc.: Christos Aggelopoulos: caggelop@iceht.forth.gr.
In order to be considered, the application must include:

- Application letter
- CV
- Scanned copies of academic titles & English language certificate
- Copy of the PhD thesis
- Copies of publications in Journals
- 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.

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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, email: 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

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