



Patras, 20.12.2022

Ref. No.: 96782

Invitation for Expression of Interest:

Postdoctoral Research Assignment "Synthesis of Graphene-Related Materials through eco-friendly processes and exploitation of them to produce green protective coatings. Characterization and evaluation of the protective effect of the synthesized coatings"

The Institute of Chemical Engineering Sciences, Foundation of Research and Technology - Hellas, (FORTH/ICE-HT) is seeking applicants for one postdoctoral research assignment in the context of the research project "GREen ENdeavor in Art ResToration», Grant Agreement number: 101060941 — GREENART, which is implemented under the ERC Proof of Concept Grant 2017 – Horizon2020.

Job Description

To conduct research under a work assignment or a fixed-term employment contract in the framework of the aforementioned project "GREENART". The main objective of GREENART is the synthesis of Graphene-Related Materials through eco-friendly processes and exploitation of them to produce green protective coatings and the characterization and evaluation of the protective effect of the synthesized coatings.

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

Salary: up to approximately 3.000 € per month depending on qualifications (total cost of the employer, including social security and taxes)

Envisaged starting date: 1/2/2023

Requirements and Qualifications

A PhD in Chemical Engineering is preferred. Candidates must be fluent in Greek and English (level C2), in order to meet working conditions. The appropriate candidate should have experience in the preparation of graphene related materials, and a great scientific background in materials, especially in nanomaterials.

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

Qualifications	Weight	Evaluation criteria
PhD in Chemical engineering	30	PhD thesis relevant to production and characterization of CVD Graphene: strong relevance: 30 points, medium relevance: 15, weak relevance: 5 points



Diploma in Chemical engineering	25	Diploma Grade X 2.5
Master of Science	25	(1) Master of Science Grade X 1. (2) Master thesis relevant to CVD process: strong relevance: 15 points, medium relevance: 10, weak relevance: 5 points
Proven lab experience in: (i) Production of CVD Graphene sheets, (ii) Characterization of CVD Graphene	20	(1) Criterion is the proven research experience in research groups, 2 points / year, maximum score 10 points. (2) Publications in related peer-reviewed international journals & in conference proceedings: 2 points per publication
Total	100	

Application Submission

Interested candidates who meet the aforementioned requirements should submit their applications, no later than 3/1/2023 by email to Kleanthi Zacharopoulou: kleanthi@iceht.forth.gr.

In order to be considered, the application must include:

- Application letter
- CV
- Scanned copies of academic titles & English language certificate
- Copies of publications in peer-reviewed international journals & in conference proceedings
- Copy of PhD thesis
- Copy of Master thesis
- 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)

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, within five (5) days after the result 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 Professor Costas Galiotis, tel: +30 2610 965266, e-mail: c.galiotis@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

Vasilis Burganos
Director

