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

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Location: Athens

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

Patras, 20.12.2022
Ref. No.: 96799

Invitation for Expression of Interest:
PhD fellowship "Physicochemical characterization of nanomaterials and nanostructured products**"**

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 "Development and scaled Implementation of sAfe by design tools and Guidelines for multicOmponent aNd hArn nanomateriaLs», DIAGONAL, GA No 953152", which is implemented under the H2020-NMBP-TO-IND-2018-2020 / H2020-NMBP-TO-IND-2020-two stage.

Job Description
To conduct *in silico* analysis of omic (mainly proteomic and metabolomic) data on nanotoxicity effects collected from public databases and the literature for human and mouse in the context of biomolecular interaction networks. The job will also involve participation in the daily implementation of DIAGONAL project deliverables and preparation of reports to Project Coordinator and EC.

Location: FORTH/ICE-HT, Patras, Greece
Duration: up to 9 months, with the potential of renewal or extension according to the needs of the project
Fellowship: up to 850 € per month (graduate fellowship)
Envisaged starting date: 01/02/2023

Requirements and Qualifications
The applicant should hold undergraduate B.S. or Diploma in Natural Sciences and a Master's Degree in Materials Physics. The applicant should have been registered as a PhD Candidate in Natural Sciences. Experience in physicochemical characterization techniques of nanocomposites would be strongly favored. Candidates must have good knowledge of the Greek and English (level B2) language. Participation in research projects would be favored.

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

Qualifications	Weight	Evaluation criteria
Relevance of the master's thesis to the subject of the position	30	Weak relevance = 5 points Medium relevance = 15 points Strong relevance: 30 points

Experience in physicochemical material characterization techniques (indicatively, Raman, DSC, XRD, dielectrics)	30	Demonstrated through Master's diploma thesis (relevance to physicochemical material characterization techniques: weak relevance: 5 points, medium relevance: 10 points, strong relevance: 15 points), and publications and/or presentations to national/international conferences (5 points for each up to 15 points)
Participation in Research Projects	20	5 points for each, up to 20 points
Knowledge of English Language	20	C1 = 10 points C2 = 20 points
Overall	**100**	

Application Submission
Interested candidates who meet the aforementioned requirements should submit their applications, no later than 3/1/2023, 16:00h, by email to Kleanthi Zacharopoulou: kleanthi@iceht.forth.gr.
In order to be considered, the application must include:

- Application letter
- CV with clear description of the methodologies possessed by the applicant and the level of experience
- Certificate of registration as a PhD candidate
- Scanned copies of academic titles and language knowledge certificates
- Copies of the publications in peer-reviewed journals and conference proceedings
- 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 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. George Voyiatzis, tel: +30 2610 965253, e-mail: gvog@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