



Patras, 2/9/2020

Ref. No.: 36178

### Invitation for Expression of Interest:

#### PhD Fellowship "Molecular dynamics simulations of atmospheric nanoparticles"

The Institute of Chemical Engineering Sciences, Foundation of Research and Technology - Hellas, (FORTH/ICE-HT) is seeking applicants for one PhD fellowship in the context of the research project "Constrained aerosol forcing for improved climate projections (FORCes)" which is implemented under the EU-Horizon 2020 Research and Innovation Action.

#### Job Description

To conduct research in the framework of the aforementioned project "FORCes". The main objective of FORCes is to understand and reduce the long-standing uncertainty in anthropogenic aerosol radiative forcing and to increase confidence in climate projections. The objective of this job is to improve the understanding of the physical and chemical properties of atmospheric nanoparticles by performing molecular dynamics simulations.

**Location:** FORTH/ICE-HT, Patras, Greece

**Duration:** 12 months with the potential of renewal

**Salary:** 845 Euros per month

**Envisaged starting date:** 1 October 2020

#### Requirements and Qualifications

The candidate is required to hold a Diploma in Engineering or a Bachelor's in Science. Experience in Molecular Dynamics Simulations is also required. Moreover, the candidate must be fluent in both Greek and English, in order to meet working conditions. The evaluation of the candidacies will be based on the following criteria and qualifications:

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

Qualifications	Weight	Evaluation criteria
Diploma/BS in Engineering or Science	40	Degree Grade
Proven research experience in molecular dynamics simulations	60	Duration of proven research experience in research groups and projects

#### Application Submission

Interested candidates who meet the aforementioned requirements should submit their applications, no later than 17/9/2020, 23:59, by email to Kleanthi Zacharopoulou: [kleanthi@iceht.forth.gr](mailto:kleanthi@iceht.forth.gr).

In order to be considered, the application must include:

- Application letter
- CV
- Scanned copies of academic titles
- Statement of research interests

**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.

The outcome of the selection will be announced on the website of FORTH/ICE-HT as well as on the website of “DIAVGEIA”.

**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 Professor Spyros Pandis, tel: +30 2610 969510, e-mail: [spyros@chemeng.upatras.gr](mailto:spyros@chemeng.upatras.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,

Vasilis Burganos  
Director

