



HELLENIC REPUBLIC
MINISTRY OF EDUCATION, RESEARCH & RELIGIOUS AFFAIRS
GENERAL SECRETARIAT FOR RESEARCH & TECHNOLOGY

INFORMATICS DEVELOPMENT AGENCY
ANAPHTHTEA STO ANAKTYEIS

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FORTH

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

Patras, 21/6/17

Ref. No.: 1516

**Invitation for Expression of Interest:
Postdoctoral/Research Assignment "Simulation of the physical and chemical properties of
atmospheric nanoparticles"**

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 "EUROCHAMP-2020 Integration of European Simulation Chambers for Investigating Atmospheric Processes – Towards 2020 and beyond", which is implemented under the **EU-Horizon 2020 Research Framework Programme**.

Job Description

To conduct research in the framework of the aforementioned project "EUROCHAMP-2020". The main objective of EUROCHAMP-2020 is to integrate the most advanced European Atmospheric Simulation Chambers into a world-class infrastructure for research and innovation in atmospheric science and related fields. To extend the operation of atmospheric simulation chamber infrastructure to enable the studies of the impact of air quality on health and cultural heritage.

Location: FORTH/ICE-HT, Patras, Greece

Duration: 4,5 months with the potential of renewal

Salary: ~2.300 Euros per month

Envisaged starting date: 16/8/2017

Requirements and Qualifications

The candidate is required to hold a Diploma, MSc and PhD in Chemical Engineering. Moreover, the candidates 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:

Qualifications	Weight	Evaluation criteria
Diploma in Chemical Engineering or relevant Engineering or Science discipline	20	Diploma Grade
PhD in Chemical Engineering or relevant Engineering or Science discipline	30	PhD thesis relevant to numerical simulation
Proven experience in: (i) atmospheric aerosol simulation, (ii) molecular dynamics simulations.	50	Duration of proven research experience in research groups and projects. Quality and number of related publications in refereed journals and



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		conference proceedings.
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Application Submission

Interested candidates who meet the aforementioned requirements should submit their applications, no later than July 5th, 2017, 14:00h, 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
- 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".

The selected candidate will be notified and asked to accept the position within three (3) working days and to present all relevant documents that should match the submitted ones.

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 Spyros Pandis, tel: +30 2610 969510, e-mail: spyros@chemeng.upatras.gr.

For FORTH/ICE-HT,

Vasilis Burganos
Director

