



Patras, 8/12/2016

Ref. No.: 3004

**Invitation for Expression of Interest:
Phd Fellowship "Development of a Volatility Basis Set based on module for source apportionment"**

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 "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 develop Volatility Basis Set based module for source apportionment.

Location: FORTH/ICE-HT, Patras, Greece

Duration: 6 months with the potential of renewal

Salary: 840 Euros per month

Envisaged starting date: 1/2/2017

Requirements and Qualifications

The candidate is required to hold a Diploma and MSc in Chemical Engineering. 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:

Qualifications	Weight	Evaluation criteria
Diploma in Chemical Engineering	20	Diploma Grade, courses in catalysis
MSc in Chemical Engineering	20	Master of Science, Grade
Proven modeling experience in: (i) atmospheric aerosol simulation, (ii) use of the PMCAMx atmospheric chemical transport model, (iii) use of the PSAT source apportionment algorithm.	60	Duration of proven research experience in research groups and projects.

Application Submission



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Email: admin@iceht.forth.gr

Interested candidates who meet the aforementioned requirements should submit their applications, no later than December 22nd, 2016, 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

