



Patras, 25/8/17

Ref. No.: 2019

**Invitation for Expression of Interest:
Phd Fellowship “Atmospheric Tracers of Biomass Burning”**

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 “*Pyrogenic TRansformations Affecting Climate and Health (PyroTRACH)*”, which is funded under the H2020-EU.1.1. - EXCELLENT SCIENCE - European Research Council (ERC).

Job Description

The candidate will be responsible for *i)* developing novel techniques for measuring long-lived tracers in atmospheric particles that are associated with biomass burning (BB), *ii)* application of these techniques in field and atmospheric chamber work involving the sampling of fresh and aged BB plumes, *iii)* analysis of the environmental data, and, *iv)* dissemination of results through presentations at scientific conferences and peer-review publications.

Location: FORTH/ICE-HT, Patras, Greece

Duration: 36 months with the potential of extension

Salary: 1.042 Euros per month, VAT included

Envisaged starting date: 1/10/2017

Requirements and Qualifications

The candidate is required to hold MSc in Environmental Chemistry or related fields. 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
Academic performance	30%	Grade and Ranking
Experience in Environmental Analytical Techniques and Field Measurements	30%	Recommendation letters and information in statements provided by the candidate
Knowledge of English	20%	Certificates
Leadership potential, scientific potential and motivation (tested by interview)	20%	Interview and recommendation letters

Application Submission

Interested candidates who meet the aforementioned requirements should submit their applications, no later than September 8th, 2017, 14:00h, by email to Kleanthi Zacharopoulou: kleanthi@iceht.forth.gr.

In order to be considered, the application must include:

- Application letter
- CV
- 2 letters of recommendation (can also be sent in an envelope to Ms. Kleanthi Zacharopoulou, FORTH/ICE-HT, Stadiou street, Platani, Patras 26504 to be handed to the evaluation committee)
- 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 Athanasios Nenes, tel: +30 2610 969343, e-mail: athanasios.nenes@gatech.edu.

For FORTH/ICE-HT,

Vasilis Burganos
Director