



Patras, 05/11/2020

Ref. No.: 40543

### Invitation for Expression of Interest:

#### PhD Fellowship on “Graphene and related materials (GRM) enhanced fiber reinforced polymers”

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 “Graphene Flagship Core Project 3 – SGA 881603: Work Package 14 - Composites”, which is implemented under the Horizon 2020 Research Framework Program.

#### Job Description

The chosen applicant will be required to conduct novel research in the framework of the project “Graphene Flagship Core Project 3 – SGA 881603: Work Package 14 - Composites”. The aim of this research is the fabrication of GRMs and fibre reinforced composites and characterization by means of microscopy, spectroscopy and mechanical testing for aerospace and automotive applications.

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

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

**Fellowship:** 840 Euros per month

**Envisaged starting date:** 01/01/2021

#### Requirements and Qualifications

The candidate is required to hold a M.Sc. in Aeronautical/Mechanical engineering with degree above 8. The applicant must also be familiar with stress analysis of composite structures, in particular with the finite element methodology, and composite materials. Lastly, the candidate must have a working knowledge of the English language and preferably another EU language.

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

Qualifications	Weight	Evaluation criteria
M.Sc. in Aeronautical/Mechanical engineering	40	MSc Degree Grade
Proven experience in Finite Element Analysis	30	Related project or dissertation
Knowledge of composite materials	10	Dissertation and relevant modules attended during the degree
Interview (if necessary)	20	Organizational & communication skills, cooperativeness

#### Application Submission

Interested candidates who meet the aforementioned requirements should submit their applications, no later than 20/11/2020, 16:00, 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 Dr. N. Kontis, tel: +30 2610 965259, e-mail: [n.kontis@iceht.forth.gr](mailto:n.kontis@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](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

