



Patras, 13.4.2022

Ref. No.: 76483

**Invitation for Expression of Interest:
PhD Fellowship on “Study of damping and mechanical properties of fiber reinforced polymers
enhanced with Graphene Related materials (GRM)”**

The Institute of Chemical Engineering Sciences, Foundation of Research and Technology - Hellas, (FORTH/ICE-HT) is seeking applicants for one PhD candidate position 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 as a graduate research fellow 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 of the damping response and mechanisms by means of microscopy, DMA and mechanical testing for aerospace and automotive applications.

Location: FORTH/ICE-HT, Patras, Greece**Duration:** up to 12 months, with the potential of renewal**Fellowship:** up to 420 € per month depending on qualifications and work hours in the project**Envisaged starting date:** 01/06/2022**Requirements and Qualifications**

The candidates are required to hold a Mechanical Engineering and Aeronautics Diploma, a Master's Degree in Polymer Science and Technologies and should have been registered as a PhD Candidate. Moreover, the candidates must be fluent in Greek and English (level B2), in order to meet working conditions. The appropriate candidate should also have experience in the mechanical behavior of composites and characterization of damping of such materials.

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

Qualifications	Weight	Evaluation criteria
Diploma in Mechanical Engineering and Aeronautics	40	Diploma Grade X 4 points,
Proven lab experience in: (i) Damping Study of Composites, (ii) Mechanical behaviour of composite materials	30	Duration of proven research experience in research labs and projects on composites and mechanical behavior (2 points/month, max 30 pts)
M.Sc. in Polymers Science and Technologies	20	Demonstrated by relevance of Master's thesis: strong relevance: 20 points, medium relevance: 15 points, weak relevance: 10 points
Interview	10	(a) Background in the objective of the assignment (4 points).



		(b) Organizational and communication skills (2 points). (c) Team-spirit and self-motivation (2 points). (d) Commitment to achieving the goals (2 points)
TOTAL	100	

Application Submission

Interested candidates who meet the aforementioned requirements should submit their applications, no later than 4/5/2022, 16:00, 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 and language knowledge certificates
- Employer's certificate of the work experience and any other official document to certify the aforementioned required qualifications
- Certificate of registration as a PhD candidate
- Copy of Master's thesis

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.

Selection Announcement

The result of the selection will be announced on the website of: FORTH/ICE-HT.

Candidates have the right to appeal the selection decision, by addressing their written objection to the FORTH/ICE-HT Research Secretariat, e-mail: kleanthi@iceht.forth.gr, within five (5) days after the results announcement on the web.

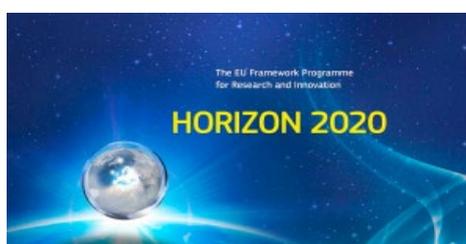
Contact

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 Dr. N. Kontis, tel: +30 2610 965259, e-mail: 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.

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

