



**One (1) PhD student position and one (1) post-doc position in the project**

**DynAMic**

**Dynamic adaptive microscopy for label-free multi-parametric imaging in biology and medicine**

**(Call: H2020-FETOPEN-2018-2019-2020-01, GA 863203)**

***Funded under RIA***



**European  
Commission**

**Horizon 2020  
European Union funding  
for Research & Innovation**

**Ref. 37021**

**Heraklion 14/9/2020**

The Institute of Electronic Structure and Laser (IESL) of the Foundation for Research and Technology Hellas (FORTH), in the framework of the project DynAMic, (Call: H2020-FETOPEN-2018-2019-2020-01, GA number: 863203) funded under – RIA-Research and Innovation action, is seeking to recruit one (1) PhD student and one (1) post-doc.

**PhD student**

**Job description**

Development of a hybrid optical and optoacoustic microscope system

**Required qualifications**

- Degree in Physics or relevant fields (10%)
- MSc degree in a relevant field (20%)
- Excellent knowledge of wave control methods (20%)
- Experience in the development of optical setups with wave and beam control (20%)
- Knowledge of modern modeling methods in Matlab, Mathematica, Zeemax (20%)
- Research experience and active participation in research project (10%)

**Post-doc****Job description**

Development of light propagation algorithms and tomographic reconstruction in optical and optoacoustic systems

**Required qualifications**

- Degree in Mathematics (10%)
- PhD degree in image reconstruction methods for medical imaging (20%)
- Excellent knowledge of light propagation theoretical models and digitization with finite elements (20%)
- Experience in biomedical imaging (20%)
- Excellent knowledge of modern image processing methods (10%)
- Research experience and active participation in research projects (20%)

**Location:** IESL-FORTH, Heraklion Crete GREECE

**Start Date (earliest):** November 1, 2020

**Project Duration:** 6 Months with possibility of extension according to the needs of the project

**Budget:** 750 euro/month (PhD), approx. 1100 – 1300 euro/month (postdoc)

**Application Submission**

Interested candidates who meet the aforementioned requirements are kindly asked to submit their applications, no later than **September 29, 2020, 23:59 local Greece time** to the address ([hr@iesl.forth.gr](mailto:hr@iesl.forth.gr)), with cc to the Scientific Coordinator, Dr Giannis Zacharakis ([zahari@iesl.forth.gr](mailto:zahari@iesl.forth.gr)).

**In order to be considered, the application must include:**

- Application Form (please download file from the job announcement webpage (<https://www.iesl.forth.gr/en/jobs-bids/jobs/job-positions>))
- Brief CV
- Scanned copies of academic titles
- Certificate for enrollment in a PhD program (for the PhD student position)

**Any application received after the deadline will not be considered for the selection**

**Contact**

For information and questions regarding the application and selection procedure, candidates are asked to contact the secretariat ([hr@iesl.forth.gr](mailto:hr@iesl.forth.gr)), tel. +30 2810-391301.

For information and questions about the advertised position and the research activity of the group or the institute, please contact Dr Giannis Zacharakis ([zahari@iesl.forth.gr](mailto:zahari@iesl.forth.gr)).

### Selection Announcement

The result of the selection will be announced on the website of IESL-FORTH.

Candidates have the right to appeal the selection decision, by addressing their written objection to the IESL secretariat within five (5) days since the results announcement on the web. They also have the right to access (a) the files of the candidates as well as (b) the table of candidates' scores (ranking of candidates results). All the above information related to the selection procedure will be available at the secretariat of IESL-FORTH in line with the Hellenic Data Protection Authority.

### GDPR

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.