



One (1) post doctoral position in the project ACTPHAST 4R
Accelerating Photonics Deployment via one Stop Shop Advanced Technology Access
for Researchers
(Call: H2020-ICT-2018-2, GA 825051)



**European
Commission**

Horizon 2020
European Union funding
for Research & Innovation

Ref. 31432

Heraklion 12/6/2020

The Institute of Electronic Structure and Laser (IESL) of the Foundation for research and Technology Hellas (FORTH), in the framework of the project ACTPHAST 4R, (Call: H2020-ICT-2018-2, GA number: 825051) funded under H2020-EU.2.1.1. - INDUSTRIAL LEADERSHIP-Leadership in enabling and industrial technologies - Information and Communication Technologies (ICT) – IA - Innovation action, is seeking to recruit one (1) post-doctoral researcher.

Job description

Development of optical fiber organic gas sensors using oxide films, for performing experimental and theoretical simulations within the EU project ACTPHAST 4R. The successful candidate must have documented experience in the fields of optical fiber gas sensors using microstructured optical fibers, knowledge on oxide films gas sensing, and relevant experience in surface engineering phenomena on transduction materials for optical fiber sensors. Experience in specific types of optical fiber sensors (lossy sensors), Matlab and LabView will be considered positively.

Required qualifications

- Microstructured Optical Fiber Gas Sensors (10%)
- Oxide film photonic sensors (10%)
- Surface and wettability techniques (10%)
- PhD in Engineering or Physics (10%)
- Bachelor in Engineering or Physics (5%)
- English language (5%)

Desirable qualifications

- Three or more publications in Microstructured Optical Fiber Gas Sensors (15%)
- Lossy mode optical fiber devices (15%)
- LabView Matlab experience (10%)
- Participation in EU and National research project in Optical fiber sensors is an asset (10%)

Location: IESL-FORTH, Heraklion Crete GREECE

Start Date (earliest): August 1, 2020

Project Duration: 4 Months with possibility of extension according to the needs of the project

Application Submission

Interested candidates who meet the aforementioned requirements are kindly asked to submit their applications, no later than **June 27, 2020, 23:59 local Greece** time to the address (hr@iesl.forth.gr), with cc to the Scientific Coordinator Dr Stavros Pissadakis (pissas@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
- Up to two (2) reference letters, e-mailed directly to pissas@iesl.forth.gr and cc to hr@iesl.forth.gr

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), 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 Stavros Pissadakis (pissas@iesl.forth.gr), tel. +30 2810-391348.

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.

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.