



One post-doc position in the project

NANOSMART

NANO components for electronic SMART wireless systems

(Call: H2020-ICT-2018-2, GA 825430)

Funded under H2020-EU ICT-07a-2018



**European
Commission**

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

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The Institute of Electronic Structure and Laser (IESL) of the Foundation for Research and Technology Hellas (FORTH), in the framework of the project NANOSMART, (Call: H2020-ICT-2018-2, Proposal number: 825430) funded under H2020-EU ICT-07a-2018, is seeking to recruit one (1) post-doctoral researcher in 2D material device fabrication and measurements.

Job Description

We are seeking experimental physicists to work on CNT and 2D material device fabrication and characterization. The ideal candidate will participate in optimizing processing flows for CNT and 2D material based electronics and in characterization experiments, including experiments and device fabrication of devices for RF-applications. Suitable candidates should have demonstrated experience in cleanroom fabrication techniques (e-beam lithography, metal deposition etc.) and in magnetotransport experiments and cryogenic instrumentation. Experience in CVD growth of sulfide based TMDC and graphene will also be strongly appreciated.

Required qualifications

- PhD in Physics (25%)
- Experience in 2D materials device fabrication (35%)
- Research experience in 2D materials related measurements (25%)

Desirable qualifications

- Experience in 2D material CVD growth. (15%)

Location: IESL-FORTH, Heraklion Crete GREECE

Start Date (earliest): April 1, 2019

Project Duration: 12 Months with possibility of extension according to the needs of the project

Budget: 2500 - 2800 euro

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Application Submission

Interested candidates who meet the aforementioned requirements are kindly asked to submit their applications, no later than **February 26, 2019, 23:59 local Greece** time to the address (hr@iesl.forth.gr), with cc to the Scientific Coordinator Dr George Deligeorgis (deligeo@physics.uoc.gr).

In order to be considered, the application must include:

- Application Form (please download file from the job announcement webpage <http://www.iesl.forth.gr/research/showfile.aspx?id=201902111183>)
- Brief CV
- Scanned copies of academic titles

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 George Deligeorgis (deligeo@physics.uoc.gr), tel. +30 2810-394112.

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.