

**One (1) post-doc position in**  
**AIMS5.0 project**  
**Artificial Intelligence in Manufacturing leading to Sustainability and Industry5.0**  
*(Call: HORIZON-KDT-JU-Chips- JU -2022-1-IA, GA 101112089)*  
*Funded under HORIZON-JU-IA - HORIZON JU Innovation Actions*



Co-funded by the  
European Union



**Ref. 155286**  
**Heraklion 10/10/2024**

The Institute of Electronic Structure and Laser of the Foundation for and Technology Hellas (IESL - FORTH), in the framework of the project “AIMS5.0 - Artificial Intelligence in Manufacturing leading to Sustainability and Industry5.0”, (Call: HORIZON- KDT-JU-Chips-JU-2022-1-IA, GA 101112089) Funded under HORIZON-JU-IA - HORIZON JU Innovation Actions (HORIZON.2.4 - Digital, Industry and Space & HORIZON.2.4.2 - Key Digital Technologies Programs), is seeking to recruit one post-doctoral researcher.

**Job Description**

The Post-Doc researcher will mainly take over the cleanroom micro/nano-fabrication tasks related to the development of the RF devices for needs of the project

**Required qualifications**

- BSc in physical sciences or engineering (10%)
- PhD related to nanotechnology/fabrication/electronics (15%)
- Experience with cleanroom fabrication techniques and methods (25%)
- Experience in thin film deposition systems (20%)
- Experience with characterization techniques (10%)

**Desirable qualifications**

- Ability to organize presentations and to present the related work in the project meetings or at conferences (5%)
- Ability to contribute to the project reports and deliverables (5%)
- Experience with simulation software (5%)
- Experience with junior colleagues or students supervision (5%)



HELLENIC REPUBLIC  
MINISTRY OF DEVELOPMENT  
GENERAL SECRETARIAT FOR RESEARCH AND INNOVATION



**FORTH**  
FOUNDATION FOR RESEARCH AND TECHNOLOGY – HELLAS  
INSTITUTE OF ELECTRONIC STRUCTURE AND LASER

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

**Start Date (earliest):** January 1, 2025

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

**Budget:** According to qualifications

### Application Submission

Interested candidates who meet the aforementioned requirements are kindly asked to submit their applications, no later than **October 20, 2024, 23:59 local Greece time** to the address ([hr@iesl.forth.gr](mailto:hr@iesl.forth.gr)), with cc to the Scientific Coordinator Dr Loukas Michalas ([lmichalas@iesl.forth.gr](mailto:lmichalas@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>)
- Detailed curriculum vitae (CV) of the candidate
- 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](mailto:hr@iesl.forth.gr)), tel. +30 2810-391314.

For information and questions about the advertised position and the research activity of the group or the institute, candidates are asked to contact Dr Loukas Michalas ([lmichalas@iesl.forth.gr](mailto:lmichalas@iesl.forth.gr)), tel. +30 2810-394106.

### 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

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