

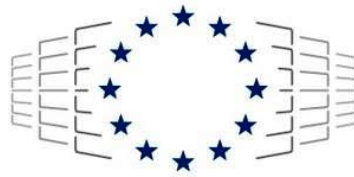
## ΑΝΑΡΤΗΤΕΑ ΣΤΟ ΔΙΑΔΙΚΤΥΟ



ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ  
 ΥΠΟΥΡΓΕΙΟ ΑΝΑΠΤΥΞΗΣ ΚΑΙ ΕΠΕΝΔΥΣΕΩΝ  
 ΓΕΝΙΚΗ ΓΡΑΜΜΑΤΕΙΑ ΕΡΕΥΝΑΣ ΚΑΙ ΚΑΙΝΟΤΟΜΙΑΣ  
**ΙΔΡΥΜΑ ΤΕΧΝΟΛΟΓΙΑΣ ΚΑΙ ΕΡΕΥΝΑΣ**  
**ΙΝΣΤΙΤΟΥΤΟ ΠΛΗΡΟΦΟΡΙΚΗΣ**  
 Ταχ. Διεύθυνση: Ν. Πλαστήρα 100  
 70013 Ηράκλειο Κρήτης

Αρ.Πρωτ. 88915  
 Ηράκλειο 20-9-2022

**Call for expression of interest for one (1) student enrolled to a University PhD Program, in Computer Science or Computer Engineering at the Institute of Computer Science, Foundation for Research and Technology – Hellas (FORTH).**



**EuroHPC**  
 Joint Undertaking

**Position(s):** One (1) position in the EUPEX project  
**Project:** EUPEX (GA 101033975) funded under EuroHPC-2020-01-a.  
**Duration:** 6 months, with possibility of extension  
**Location:** Heraklion, Crete, Greece  
**Opening date:** 20/09/2022  
**Closing date:** 30/09/2022  
**Reference:** “Project\_EUPEX\_Stud\_PhD\_Oct2022”

#### Description

We seek one student enrolled to a University PhD Program for our team, with background in research and development, including European Research projects. The candidate will participate in the R&D activities of FORTH in the context of the project EUPEX: The EUPEX consortium aims to design, build, and validate the first EU platform for HPC, covering end-to-end the spectrum of required technologies with European assets: from the architecture, processor, system software, development tools to the applications. The EUPEX prototype will be designed to be open, scalable and flexible, including the modular OpenSequana-compliant platform and the corresponding HPC software ecosystem for the Modular Supercomputing Architecture. Scientifically, EUPEX is a vehicle to prepare HPC, AI, and Big Data processing communities for upcoming European Exascale systems and technologies. The hardware platform is sized to be large enough for relevant application preparation and scalability forecast, and a proof of concept for a modular architecture relying on European technologies in general and on European Processor Technology (EPI), in particular. In this context, a strong emphasis is put on the system software stack and the applications.

#### Requirements

- Enrolled to a University graduate PhD Program in Computer Science or Computer Engineering.
- Physical presence at FORTH, Heraklion, Crete for the duration of the position.
- Fluent Knowledge of English.
- Names of at least three professional references.
- Demonstrated experience with the JAVA and C/C++ programming languages.
- Demonstrated experience with the Big Data processing and/or graph analytics frameworks and their internals, such as Spark and Giraph.
- Demonstrated experience with the Java Virtual Machine and its internals.

#### Desired qualifications

- Knowledge of fast storage device technologies, the I/O path from applications to the device, including the Linux kernel.

### Application Submission

Interested candidates can submit their applications via <http://www.ics.forth.gr/jobs> using the link “Apply for the position” under the announcement. Applications must include:

- Detailed CV, including qualifications and interests in the above areas, and proof thereof
- Scanned copies of academic and other titles

Promising candidates may be invited for an interview before a decision is made.

### Contact Information

- For information and questions regarding the application and selection procedure, please contact: [webmaster@ics.forth.gr](mailto:webmaster@ics.forth.gr)
- For information and questions about the advertised positions, the activities of the group, or the Institute, please contact Nikolaos Papadopoulos ([nickpap@ics.forth.gr](mailto:nickpap@ics.forth.gr)) and Stelios Louloudakis ([slouloudak@ics.forth.gr](mailto:slouloudak@ics.forth.gr)).

### Selection Announcement

The result of the selection will be announced on the website of ICS-FORTH. Candidates have the right to appeal the selection decision, by addressing their written objection to the ICS 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 ICS-FORTH in line with the Hellenic Data Protection Authority. Access to personal data of co-candidates shall be limited to personal data (and relevant data) and supporting documents which have been the basis of the evaluation of the candidates for the specific post(s). Prior to the announcement of the personal data and/or documents of the co-candidates to the applicant, FORTH will inform the data subjects in an appropriate way.

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.