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ΑΝΑΡΤΗΤΕΑ ΣΤΟ ΔΙΑΔΙΚΤΥΟ

ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ
ΥΠΟΥΡΓΕΙΟ ΑΝΑΠΤΥΞΗΣ
ΓΕΝΙΚΗ ΓΡΑΜΜΑΤΕΙΑ ΕΡΕΥΝΑΣ ΚΑΙ ΚΑΙΝΟΤΟΜΙΑΣ

ΙΔΡΥΜΑ ΤΕΧΝΟΛΟΓΙΑΣ ΚΑΙ ΕΡΕΥΝΑΣ, ΙΝΣΤΙΤΟΥΤΟ ΠΛΗΡΟΦΟΡΙΚΗΣ
Ταχ. Διεύθυνση: Ν. Πλαστήρα 100, 70013 Ηράκλειο Κρήτης

Α.Π. 241609
Ηράκλειο, 10/11/2026

Call for expression of interest for one (1) position, for one (1) System Engineer in the Institute of Computer Science (ICS) Foundation for Research and Technology – Hellas (FORTH)

Position(s): One (1) position for the HORIZON project TRIERES
Project: "TRIERES – Towards the development of a hydrogenvalley demonstratIng applications in an integrated ecosystem in Greece" (Grant Agreement number: 101112056) funded under HORIZON-JTI-CLEANH2-2022-2
Desired starting date: January 1st, 2027
Duration: 6 months with possibility of extension
Location: Heraklion, Crete, Greece
Opening date: 12/11/2026
Closing date: 24/11/2026 at 16:00 hrs lcl
Ref.: "TRIERES-SYSEng2026"

Description
This is an exciting opportunity to work as a System Engineer on an international research project within the Institute of Computer Science (ICS), Foundation for Research and Technology – Hellas (FORTH). We seek a motivated candidate to join the R&D activities of FORTH-ICS in the context of the TRIERES project, which aims to establish a Hydrogen Valley in Greece, the Balkans, South-eastern Europe, and the wider Eastern Mediterranean region. The selected candidate will contribute to the design, development, deployment, and maintenance of the project's software and IT infrastructure, supporting the integration and operation of digital solutions across the TRIERES Hydrogen Valley ecosystem. The work will involve designing and implementing scalable and reliable system architectures, integrating heterogeneous data sources and software components, configuring and managing computing environments and services, and supporting the deployment, monitoring, and optimization of data-driven applications. The candidate will also contribute to ensuring system interoperability, performance, security, and availability, working closely with researchers and domain experts to translate project requirements into robust technical solutions. The ideal candidate will be self-motivated, have great attention to detail, strong problem-solving and organizational skills, and

the ability to take initiative and work both independently and collaboratively. The candidate will join an international and multidisciplinary team, with plenty of opportunities for training, professional development, and engagement in cutting-edge research and innovation activities. The role will be based at the premises of FORTH in Heraklion, on the island of Crete.

The post holder will provide comprehensive support for the project, with the following key responsibilities:

- Design, deployment, and management of scalable and reliable computing environments and services.
- Integration of heterogeneous data sources, software components, and digital platforms, ensuring system interoperability.
- Configuration, administration, monitoring, and optimization of containerized environments.
- Contribution to system documentation, troubleshooting, and technical support activities.
- Communication and dissemination of project outcomes in relevant events and conference venues.

The TRIERES project aims to establish Greece's first "Hydrogen Valley", creating an integrated ecosystem that produces, stores, distributes, and uses green hydrogen across sectors like industry, transport, and energy. Its purpose is to support EU climate goals by accelerating decarbonisation, building a viable hydrogen market, and improving energy security, while demonstrating how renewable energy can be converted into hydrogen to address storage challenges. The project also focuses on fostering investment, knowledge sharing, and public awareness, positioning Greece as a regional hub for clean hydrogen in the Eastern Mediterranean.

Position: System Engineer at ICS-FORTH

Required qualifications:

- BSc from a University or Engineering School in Computer Science, Computer Engineering, Electrical/Electronic Engineering, or a related field.
- MSc from a University or Engineering School in Computer Science, Computer Engineering, Information Systems, Electrical/Electronic Engineering, or a related field. Degrees awarded by foreign universities must be recognized by the Hellenic Authority of Higher Education Equivalence (DOATAP).
- Demonstrated experience in software development, system integration, deployment, and administration of computing environments.
- Good knowledge of distributed computing concepts.
- Demonstrated experience in developing federated learning pipelines.
- Proficiency in Python for data analysis and scientific computing.
- Fluent knowledge of English (written and spoken).
- Physical presence at FORTH, Heraklion, Crete for the duration of the contract.
- Names of at least two professional references.

Desired qualifications:

- Experience with containerization and orchestration technologies (e.g. Docker, Kubernetes).
- Experience with distributed systems, and server infrastructure.
- Familiarity with system monitoring, logging, performance optimization, and troubleshooting tools.

Application Submission

Interested candidates can submit their applications (as a .zip file) to Mrs Marian Papadaki (ppdmaria@ics.forth.gr) and Dr. George Tzagkarakis (gtzag@ics.forth.gr).

Applications must include:

- Detailed CV, including qualifications and interests in the above areas and proof thereof
- Scanned copies of academic titles; academic transcripts for undergraduate and postgraduate degrees
- Detailed presentation of prior work, demonstrating knowledge of desired skills

- Certificate of completion of military obligations (for Greek citizen male candidates)

Contact Information:
For information and questions about the advertised position, the activity of the group or the Institute, please contact George Tzagkarakis gtzag@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.

Disclaimer

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.