

ΑΝΑΡΤΗΤΕΑ ΣΤΟ ΔΙΑΔΙΚΤΥΟ



ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ
ΥΠΟΥΡΓΕΙΟ ΠΑΙΔΕΙΑΣ, ΕΡΕΥΝΑΣ ΚΑΙ ΘΡΗΣΚΕΥΜΑΤΩΝ
ΓΕΝΙΚΗ ΓΡΑΜΜΑΤΕΙΑ ΕΡΕΥΝΑΣ ΚΑΙ ΤΕΧΝΟΛΟΓΙΑΣ

ΙΔΡΥΜΑ ΤΕΧΝΟΛΟΓΙΑΣ ΚΑΙ ΕΡΕΥΝΑΣ**ΙΝΣΤΙΤΟΥΤΟ ΠΛΗΡΟΦΟΡΙΚΗΣ**

Ταχ. Διεύθυνση: Ν. Πλαστήρα 100
70013 Ηράκλειο Κρήτης

Αρ.Πρωτ. 156
Ηράκλειο 31-1-2018

**Call for expression of interest for Postgraduate Scholarship
in the Institute of Computer Science (ICS)
Foundation for Research and Technology – Hellas (FORTH)**



Position(s): One (1) position of a postgraduate student for Postgraduate Scholarship
Project: Smart End-to-end Massive IoT Interoperability, Connectivity and Security - SEMIoTICS, funded under Horizon 2020, H2020-IoT-03-2017
Desired starting date: March 1, 2018
Duration: 9 months
Location: Heraklion, Crete, Greece
Opening date: 31/01/2018
Closing date: 14/02/2018
Ref.: "SEMIoTICS-03-Jan2018"

Description

We seek a student member to join our team, at the postgraduate level in the field of Computer Engineering, preferably with background in Optical Imaging Systems and Techniques. The candidate will participate in the R&D activities of FORTH in the context of the project Smart End-to-end Massive IoT Interoperability, Connectivity and Security - SEMIoTICS, funded under Horizon 2020, H2020-IoT-03-2017.

In the context of SEMIoTICS project, FORTH, along with the project's partners, will develop a pattern-driven framework, built upon existing IoT platforms, to enable and guarantee secure and dependable actuation and semi-autonomic behaviour in IoT/IIoT applications. The SEMIoTICS framework will support cross-layer intelligent dynamic adaptation, including heterogeneous smart objects, networks and clouds, addressing effective adaptation and autonomic behaviour at field (edge) and infrastructure (backend) layers based on intelligent analysis and learning.

As such, prior experience in machine learning and algorithm design are very important aspects for the position offered.

- **Required qualifications:**

- MSc and BSc degrees in Computer Science or a related field
- Experience in Machine Learning and Optimization
- Willingness and ability to work cooperatively within a team, to learn, and to adapt to the projects
- Excellent knowledge of English

- **Desired qualifications:**

- Publications in the field of optical imaging
- Experience in global optimization methods in dynamic biological processes
- Knowledge of hardware description languages (e.g. VHDL)
- Knowledge of programming languages: C, C++, Matlab
- Good knowledge of French and/or German

Application Submission

Interested candidates can submit their applications via <http://www.ics.forth.gr/jobs/en/> 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 titles;
- Detailed presentation of prior work, studies and/or publications, demonstrating knowledge of desired skills (e.g. experience on specific programming languages and hardware platforms)
- Contact information for 2 or 3 references;

Contact Information:

- For information and questions about the advertised position the activity of the group or the Institute, please contact Dr. Ioannis Askoxylakis (asko@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.