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. 79383
Ηράκλειο 19/05/2022

Call for expression of interest for one (1) position of Postdoc - Experienced Researcher in the Institute of Computer Science (ICS) Foundation for Research and Technology – Hellas (FORTH)

Position: One (1) Postdoc - Experienced Researcher for the USSPs EDIDP 2020 project

Project: "USSPs – Development of Unmanned Semi-fixed Sea Platforms" (Project EDIDP-MSC-NS-2020-117-USSPS), funded under EDIDP 2020-MSC-NS-2020.

Desired starting date: September 1st, 2022

Duration: 4 months with possibility of extension

Location: Heraklion, Crete, Greece

Opening date: 19/5/2022

Closing date: 3/6/2022

Ref. : USSPs-Postdoc-May2022

Description

We seek one Postdoc - Experienced researcher in Machine Learning with background in RTD projects. The candidate will participate in the R&D activities of FORTH-ICS in the context of EDIDP 2020-MSC-NS-2020 project "USSPs – Development of Unmanned Semi-fixed Sea Platforms" (EDIDP-MSC-NS-2020-117-USSPS), funded under EDIDP 2020-MSC-NS-2020, and will work on Machine Learning and Sensory data processing related aspects.

The project "Development of Unmanned Semi-fixed Sea Platforms for Maritime Surveillance" (USSPS) will develop the backbone of an advanced C5ISTAR federated system of systems. USSPS will integrate legacy assets and systems with innovative solutions, aiming to improve maritime surveillance capabilities, reduce high value asset utilization and mission related costs, and provide cross-domain persistent and permanent maritime situational awareness. The project will develop an unmanned highly autonomous, energy efficient and miniaturized oil rig technology-based platform capable to integrate a wide range of air, surface and underwater sensors. The platforms will enable deployment in any geographical region, including all types of sea-beds and deep-sea regions, and operation under adverse environmental conditions.

The candidate will contribute in tasks regarding the environmental perception and situational awareness of unmanned vehicles.

Required qualifications:

- Ph.D degree in Computer Science or related Engineering field
- Demonstrated experience with ICT R&D projects
- Research experience – Publications in the fields of (a) machine learning with emphasis on deep learning techniques, and/or (b) Sensory data processing (Computer Vision, Signal Processing, Pattern Recognition, etc)
- Programming languages: C, C++, python
- Experience with development tools: opencv, ROS, scipy, Matlab or equivalent
- Willingness and ability to work in a team, to learn, and to take initiatives
- Communication skills
- EU citizenship

Desired qualifications:

- Experience with Frugal Learning methods
- Experience with Sensory (Visual) data processing
- Hands-on experience with deep neural networks
- Two (2) reference letters

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, references etc. demonstrating knowledge of desired skills (e.g. experience on specific programming languages and hardware platforms).

The candidates may be invited for interview (onsite or remotely) if deemed necessary.

Contact Information:

For information and questions about the advertised position, the activity of the group or the Institute, please contact Prof. Panos Trahanias (trahania@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.