

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. 3612
Ηράκλειο 22-11-2018

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



Position(s): One (1) position of Experienced Researcher/Engineer
Project: “sustAGE - Smart environments for person-centered sustainable work and well-being” (Grant Agreement number: 826506), funded under Horizon 2020, SC1-DTH-2018-2020.
Desired starting date: March 1st, 2019
Duration: 12 months with possibility of extension
Location: Heraklion, Crete, Greece
Opening date: 22/11/2018
Closing date: 21/01/2019
Ref. : sustAGE-01-Nov2018

Description

We seek one Experienced Researcher/Engineer in Computer Vision with background in RTD projects. The candidate will participate in the R&D activities of FORTH-ICS in the context of H2020 project “sustAGE - Smart environments for person-centered sustainable work and well-being”, funded under Horizon 2020, SC1-DTH-2018-2020 and will work on Computer Vision related aspects. sustAGE is coordinated by FORTH-ICS and aims towards a smart person-centered solution that will function in real environments inside and outside the workplace providing: (i) workplace and health surveillance monitoring, (ii) personalized recommendations for physical and mental health

improvement and (iii) decision support in optimizing workforce productivity via human to task/job allocation. The manifold contribution focuses on the support of the employment and later retirement of older adults from work and the optimization of the workforce management. sustAGE explores two industry domains with significant challenges and requirements: a) *Manufacturing* supported by Centro Ricerche Fiat (CRF) responsible for the research activities of Fiat Chrysler Automobiles (FCA), one of the largest European automotive industries and b) *Transportation & logistics* supported by Heraklion Port Authority S.A. (HPA) that manages the second most popular Greek port in passenger traffic.

The candidate will contribute in tasks regarding the visual perception of user behaviors and actions in indoor and outdoor environments. More specifically the tasks include:

- User detection and tracking
- Human pose estimation
- Action recognition

Required qualifications:

- Master's degree in Computer Science or related Engineering field.
- Demonstrated experience with ICT R&D projects
- Rich experience in computer vision and model-based tracking
- Experience in machine learning algorithms
- Willingness and ability to work in a team, to learn, and to take initiatives
- Communication skills
- Programming languages: C, C++, python
- Excellent oral and written English skills
- Physical presence at FORTH, Heraklion, Crete for the duration of the position

Desired qualifications:

- PhD degree in Computer Science or related Engineering field.
- Research experience - Publications in the field of computer vision with emphasis on model-based tracking
- Development Tools: opencv, pcl, scipy, Matlab.
- Hands-on experience with deep neural networks

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:

- Cover letter clearly mentioning the position applying for and the documents attached with the application;
- 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 Dr. Maria Pateraki, (pateraki@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.

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.