Call for expression of interest for three (3) positions, one (1) Computer Science Post-Doctoral fellow and two (2) enrolled PhD students in Computer Science in the Institute of Computer Science (ICS) Foundation for Research and Technology – Hellas (FORTH)

Position(s): Three (3) positions for the Co4Robots H2020 project
Project: “Co4Robots - Achieving Complex Collaborative Missions via Decentralized Control and Coordination of Interacting Robots” (Grant Agreement number: 731869) funded under H2020-ICT-2016-2017
Desired starting date: January 1st, 2019
Duration: up to 6 months initially, with the possibility of further extension
Location: Heraklion, Crete, Greece
Opening date: 15/11/2018
Closing date: 30/11/2018
Ref.: “Co4Robots-Nov2018”

Description
We seek three members for our team, one Computer Science Post-Doctoral fellow and two enrolled PhD students in Computer Science with background in European RTD Projects. The candidates will participate in the R&D activities of FORTH-ICS in the context of the H2020 project “Co4Robots – Achieving Complex Collaborative Missions via Decentralized Control and Coordination of Interacting Robots”, funded under Horizon 2020, H2020-ICT-2016-2017 and will work on its Computer Vision related aspects.

Co4Robots considers different robots with varying capabilities that must be coordinated in order to achieve various multi-tasking procedures. Thus, the effective supervision and coordination of the overall heterogeneous system mandates a decentralized framework that integrates high-level task-planning, low-level motion control and robust, real-time sensing of the robots’ dynamic environment. Within Co4Robots our goal is to build a systematic methodology to accomplish complex specifications given to a team of potentially heterogeneous robots; control schemes appropriate for the mobility and
manipulation capabilities of the considered robots; perceptual capabilities that enable robots to localize themselves and estimate the state of the dynamic environment; and their systematic integration approach. FORTH is dealing with the development of the robotic perceptual capabilities.

Requirements and desired qualifications

A) One position for a Computer Science Post-Doctoral fellow

Required qualifications:
- PhD degree in Computer Science
- Demonstrated experience with ICT R&D projects
- Rich experience in computer vision and model-based tracking
- Experience in designing and training deep convolutional networks for computer vision applications
- Research experience - Publications in the field of computer vision with emphasis on model-based tracking
- Communication, coordination and management skills
- Willingness and ability to work cooperatively within a team, to learn, and to adapt to the projects
- Excellent knowledge of English
- Physical presence at FORTH, Heraklion, Crete for the duration of the position

Desired qualifications:
- Programming languages: C, C++, C#
- Development Tools: opencv, pcl, scipy, Matlab
- Hands-on experience with tensorflow and/or pytorch

B) Two positions for enrolled PhD students in Computer Science

Required qualifications:
- Enrollment in a PhD Programme in Computer Science
- Demonstrated experience with ICT R&D projects
- Rich experience in computer vision and model-based tracking
- Research experience - Publications in the field of computer vision with emphasis on model-based tracking
- Communication skills
- Willingness and ability to work cooperatively within a team, to learn, and to adapt to the projects
- Thorough knowledge of English
- Physical presence at FORTH, Heraklion, Crete for the duration of the position

Desired qualifications:
- Experience with EU- and national-funded projects
- Programming languages: C, C++, C#
- Development Tools: opencv, pcl, scipy, Matlab

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).
Contact Information:
For information and questions about the advertised position, the activity of the group or the Institute, please contact Lena Gaga at gaga@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.