Call for expression of interest for two (2) positions: One (1) MSc holder in Computer Systems / Electronics, and one (1) Technical Scientist in the field of Microelectronics, Control Systems, Robotics and Automation, in the Institute of Computer Science (ICS) Foundation for Research and Technology – Hellas (FORTH)

Position(s):
One (1) MSc holder in Computer Systems / Electronics
One (1) Technical Scientist in the field of Microelectronics, Control Systems, Robotics and Automation

Project: “Advanced versatile artificial intelligence technologies and interconnected cross-sectoral fully-operational national focal points for combating illicit firearms trafficking” (Ceasefire) (Grant Agreement number: 101073876), funded under Horizon Europe, HORIZON-CL3-2021-FCT-01-10 (IA)

Desired starting date: September 1st, 2023
Duration: 12 months on a full-time basis with possibility of extension
Location: Heraklion, Crete, Greece
Opening date: 21/06/2023
Closing date: 03/07/2023
Ref.: “Ceasefire – June2023”

Description
We seek two experienced members for our team, with a background in Computer Systems / Electronics and Microelectronics, Control Systems, Robotics and Automation. The candidates will participate in the R&D activities of FORTH in the context of the project “Advanced versatile artificial intelligence technologies and interconnected cross-sectoral fully-operational national focal points for combating illicit firearms trafficking” (Ceasefire), funded under Horizon EUROPE, HORIZON-CL3-2021-FCT-01-10 (IA).

Ceasefire is coordinated by the Centre for Research and Technology – Hellas (CERTH), and FORTH-ICS is a member of the project consortium. The project targets the development of a highly innovative, holistic, multi-disciplinary, high-tech and versatile approach for significantly increasing/broadening the operational
capabilities of EU Law Enforcement Agencies (LEAs) in their struggle to detect, analyze and track cross-border illicit firearms trafficking related activities. In particular, Ceasefire efforts will concentrate on the following major driving axes: a) The development of advanced Artificial Intelligence (AI) technologies for significantly facilitating the everyday work of the involved practitioners, and b) The establishment of fully-operational National Focal Points (NFPs), by targeting to alleviate from current organizational, operational, cooperation, legal, cross-jurisdictional, trans-border and information exchange challenges.

**Position 1: MSc holder in Computer Systems / Electronics**

**Requirements:**
- MSc degree in Computer Systems / Electronics or related field
- Experience with user-centred design projects (requirements elicitation, interface, interaction and experience design, expert/heuristic evaluation and user testing)
- Thorough knowledge of design guidelines and heuristics, particularly for Ambient Intelligence (AmI) environments, applications and services
- Communication, coordination and management skills
- Willingness and ability to work cooperatively within a team, to learn, and to adapt to the projects
- Thorough knowledge of English
- Thorough knowledge of a second foreign language
- Physical presence at FORTH, Heraklion, Crete for the duration of the position
- Experience with EU- and national- funded projects

**Desired qualifications:**
- Programming languages: ECMAScript (JavaScript, ActionScript); Java; Visual Basic; C/C++
- Web Technologies: HTML; MXML; XML; CSS; JSON; NodeJS; Web Usability and Accessibility (W3C-WAI)
- Development Platforms: Visual Studio; Flash Builder; Eclipse; BlueJ; Matlab; Arduino/Waspmote; Game Maker; Android Studio

**Position 2: Scientist in the field of Microelectronics and Automatic Control and Robotics systems**

**Requirements:**
- BSc degree in Sciences and Technology with expertise in Microelectronics
- MSc degree in Automation Systems
- Thorough knowledge of C / C++, Java
- Excellent knowledge of Control Systems, Robotics and Automation
- Experience in programming and developing control techniques
- Very good knowledge of English
- Physical presence at FORTH, Heraklion, Crete for the duration of the position

**Desired qualifications:**
- Experience in electronics and electrical engineering for Ambient Intelligence Environment applications.
- Previous Experience with EU- and national- funded projects

**Application Submission**

Interested candidates can submit their applications via [http://www.ics.forth.gr/jobs/en/](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;
- 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 Iosif Klironomos at iosif@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) calendar 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.