Call for expression of interest for one Mechanical Engineer in the Institute of Computer Science (ICS) Foundation for Research and Technology – Hellas (FORTH)

**Position:** One (1) Mechanical Engineer in Robotics Mechatronics for the RAICAM project

**Project:** “RAICAM – Robotics and Artificial Intelligence for Critical Asset Monitoring”, funded under Horizon 2020, Marie Skłodowska-Curie Doctoral Network (Project: 101072634 - RAICAM- HORIZON-MSCA-2021-DN-01)

**Desired starting date:** October 1st, 2024

**Duration:** 6 months with the possibility of extension

**Location:** Heraklion, Crete, Greece

**Opening date:** 27/06/2024

**Closing date:** 08/07/2024

**Ref.:** RAICAM_ME-June2024
Description

The central scientific goal of RAICAM is to conduct research into the underlying technologies in Robotics and AI that will unlock the capability for a fleet of robots to conduct coordinated sampling campaigns in industrial facilities with varying levels of autonomy. The project will investigate how to undertake robotic sampling using a multi-disciplinary approach that will fuse fundamental research with systems-level engineering. The RAICAM Doctoral Network will train the next generation of robotic systems engineers who will develop creative and innovative multi-disciplinary skills, enhancing their inter-sectoral mobility.

Required qualifications:

- M.Sc. degree in Electrical Engineering or Mechanical Engineering or other related Engineering field
- Experience with Robot design and control
- Programming skills in languages such as C++ and python
- Experience with development tools: ROS, solidworks, scipy, Matlab or equivalent
- Experience with Robotic Simulation environments: Gazebo, RaiSim, MuJoCo or equivalent
- Willingness and ability to work in a team, to learn, and to take initiatives
- Communication skills
- Recommendation letters from at least two (2) professors/co-workers

Desired qualifications:

- Background in autonomous robot navigation and/or legged robot locomotion
- Experience with Sensory (Visual) data processing
- Experience with Machine Learning techniques

Expression of Interest/Contact Information

Interested candidates should contact Prof. Panos Trahanias (trahania@ics.forth.gr).

Application Submission

Interested candidates can submit their applications via http://www.ics.forth.gr/jobs/en using the link “Apply for the position”. Applications must include:

- Detailed CV, including qualifications and interests in the above areas, and proof thereof
- Scanned copies of academic titles and transcripts
- Detailed presentation of prior work, studies and/or publications, demonstrating knowledge of desired skills
- Recommendation letters from at least two (2) professors/co-workers

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 informs 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.