Call for expression of interest for five (5) positions for Ph.D., M.Sc. or B.Sc. holders in Computer Science or Electrical Engineering or Mechanical Engineering, at the Computational Vision and Robotics Laboratory of the Institute of Computer Science – FORTH

**Position(s):** up to five (5) positions for DECISMAR, ALISTRATIS, USSPs projects.

**Projects:** DECISMAR, ALISTRATIS, USSPs

**Duration:** up to 6 months initially, with the possibility of further extension

**Location:** Heraklion, Crete, Greece.

**Opening date for applications:** 23 November 2021

**Closing date:** 20 December 2021

**Reference:** “cvel-nov2021”

**Description:**
The candidates will participate in the R&D work of the Computational Vision and Robotics Laboratory of the Institute of Computer Science – FORTH within one of the projects: DECISMAR, ALISTRATIS, USSPs. We seek to attract highly motivated members to our team that are **Computer Scientists or Electrical Engineers or Mechanical Engineers**.

Knowledge and possibly working experience in at least one of the following topics is **required** whereas knowledge/experience in more than one is a plus:

- Design and development of autonomous mapping and navigation systems (SLAM, path planning, obstacle avoidance, etc) on autonomous unmanned platforms (UxVs).
Design and development of (multi)legged robotic systems (humanoid robots, bipeds, quadrupeds, robotic manipulators etc) and corresponding gait algorithms.

Design and development of artificial intelligence systems (eg DNNs: LSTMs, CNNs, GANs etc) and methods of environment perception.

Modeling and construction of 3D components and mechanical/motor robotic systems.

Ability to work in a team is a must, and ability to take initiatives and to communicate effectively with people is a definite plus

**Desired Technical Qualifications:**

- Experience with prototyping languages (eg mathematica, matlab, python).
- Experience with object-oriented programming languages (eg C++, JAVA).
- Experience with open-source libraries (such as ROS, OpenCV, TensorFlow, Keras) and robotic emulators (such as Gazebo or RaiSim).
- Experience with design and modeling tools (eg Solidworks, AutoCAD etc)

**Additional Desired Qualifications:**

- Participation in European or National funded projects.
- Experience in writing proposals and deliverables.

**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 will be evaluated at the end of each month, until a sufficient number of good candidates are found; evaluators may reject some candidacies on the grounds of insufficient qualifications.

Applications must include:

1. Detailed CV, including qualifications and interests in the above areas, and proof thereof;
2. Scanned copies of academic titles.

Promising candidates may be invited for an interview before a decision is made.

**Contact Information:**

For information and questions about the advertised positions, the activities of the group, or the Institute, please contact Prof. Panos Trahanias, (trahanias@ics.forth.gr).

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.