Call for expression of interest for two (2) positions, one (1) Computer Science Post-Doctoral fellow and one (1) BSc holder in Computer Systems / Electronics in the Institute of Computer Science (ICS) Foundation for Research and Technology – Hellas (FORTH)

Position(s): Two (2) positions for the Mingei H2020 project
Desired starting date: January 1st, 2019
Duration: 6 months with possibility of extension
Location: Heraklion, Crete, Greece
Opening date: 15/11/2018
Closing date: 30/11/2018
Ref.: “Mingei-CV-Nov2018”

Description
We seek two experienced members for our team, one Computer Science Post-Doctoral fellow and one BSc holder in Computer Systems, Electronics, 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 “Mingei – Representation and Preservation of Heritage Crafts”, funded under Horizon 2020, SC6-TRANSFORMATIONS-2018-2019-2020 and will work on its Computer Vision related aspects.

Mingei is coordinated by FORTH-ICS, who is also the Technical Coordinator of the project. The project will explore the possibilities of representing and making accessible both tangible and intangible aspects of craft as cultural heritage. Heritage Crafts (HCs) involve craft artefacts, materials, and tools and encompass craftsmanship as a form of Intangible Cultural Heritage. Intangible HC dimensions include dexterity, know-how, and skilled use of tools, as well as, tradition, and identity of the communities in which they are, or were, practiced. Mingei will provide the means to establish HC representations that will capture and preserve tangible and intangible dimensions based on digital assets, semantics, existing
literature and repositories, as well as mature digitisation and human-centric AR and VR representation technologies.

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
- Research experience - Publications in the field of computer vision with emphasis on model-based tracking
- Experience in designing and training deep convolutional networks for computer vision applications
- 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) One position for an BSc holder in Computer Systems / Electronics

**Required qualifications:**
- BSc degree in Computer Systems / Electronics or related field
- 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
- Thorough knowledge of a second foreign language
- 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/](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.