Call for expression of interest for a position of a Biomedical Engineering Expert in the Institute of Computer Science (ICS) Foundation for Research and Technology – Hellas (FORTH)

Position(s): One (1) position of a PhD holder, Biomedical Engineering Expert
Project: Smart End-to-end Massive IoT Interoperability, Connectivity and Security - SEMIoTICS, funded under Horizon 2020, H2020-IoT-03-2017
Desired starting date: August 1st, 2018
Duration: 12 months on a full-time or part-time basis with possibility of extension
Location: Heraklion, Crete, Greece
Opening date: 29/05/2018
Closing date: 13/06/2018
Ref.: “SEMIoTICS-04-May2018”

Description
We seek an experienced member for our team, at the PhD-holder level and a background in Biomedical Engineering. The candidate will participate in the R&D activities of FORTH in the context of the project Smart End-to-end Massive IoT Interoperability, Connectivity and Security - SEMIoTICS, funded under Horizon 2020, H2020-IoT-03-2017.

In the context of SEMIoTICS project, FORTH, along with the project’s partners, will develop a pattern-
driven framework, built upon existing IoT platforms, to enable and guarantee secure and dependable actuation and semi-autonomic behaviour in IoT/IIoT applications. The SEMIoTICS framework will support cross-layer intelligent dynamic adaptation, including heterogeneous smart objects, networks and clouds, addressing effective adaptation and autonomic behaviour at field (edge) and infrastructure (backend) layers based on intelligent analysis and learning.

As such, prior experience in Network Modelling and Information Management systems, and the associated tools, as well as the ability to communicate with and work as a member of an international, multicultural research consortium, are all very important aspects for the position offered.

• Required qualifications:
  o PhD degree in Electrical or Computer Engineering or a related field, focusing on Biomedical Engineering
  o MSc degrees in Computer Science, Computer Engineering or a related field, focusing on Network Modelling and Information Management
  o Experience in Network Modeling and decision support systems
  o Willingness and ability to work cooperatively within a team, to learn, and to adapt to the projects
  o Fluent knowledge of English

• Desired qualifications:
  o Experience with European research projects in biomedical engineering
  o Research experience - Publications in the field of biomedical technologies
  o Knowledge of Post-Optimal Analysis Algorithms and Multiple Criteria Decision Aid
  o Knowledge of programming languages: C, Fortran, Java, Matlab, SQL
  o Good knowledge of French or German

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:
• 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, demonstrating knowledge of desired skills (e.g. experience on specific programming languages and hardware platforms)
• Contact information for 2 or 3 references;

Contact Information:
• For information and questions about the advertised position the activity of the group or the Institute, please contact Dr. Ioannis Askoxylakis (asko@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.