Call for expression of interest for one (1) position of University Computer Science or Engineering Department or related field, in the Institute of Computer Science (ICS) Foundation for Research and Technology – Hellas (FORTH)

Position(s): one (1) position for the ECOSCALE Project:
ECOSCALE (GA-671632), funded under H2020 FET-HPC
Desired starting date: 1/7/2018
Duration: 1/7/2018-30/9/2018, 3 months with possibility of extension
Location: Heraklion, Crete, Greece
Opening date: 23/05/2018
Closing date: 7/6/2018
Reference: “Projects-Ecoscale_may2018”

Description
We seek one FPGA engineer for our team, with background in European Research Projects. The candidates will participate in the R&D activities of FORTH in the context of the project ECOSCALE: Energy-efficient Heterogeneous COmputing at exaSCALe. In order to reach exascale performance current HPC servers need to be improved. Simple scaling is not a feasible solution due to the increasing utility costs and power consumption limitations. Apart from improvements in implementation technology, what is needed is to refine the HPC application development as well as the architecture of the future HPC systems. ECOSCALE tackles this challenge by proposing a scalable programming environment and hardware architecture tailored

Requirements
Diploma in Computer Science or Computer Engineering
Physical presence at FORTH, Heraklion, Crete for the duration of the position
Fluent knowledge of English
Demonstrated experience with system development and algorithm acceleration using Xilinx FPGAs,
including partial reconfiguration

**Desired qualifications**
Experience with test-driven development and validation
Demonstrated experience in EU-funded project activities

**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, and proof thereof
- Scanned copies of academic titles
- Names of at least two professional references
Promising candidates may be invited for an interview before a decision is made.

**Contact Information**
- For information and questions regarding the application and selection procedure, please contact: webmaster@ics.forth.gr
- For information and questions about the advertised positions, the activities of the group, or the Institute, please contact Nikolaos Papadopoulos (nickpap@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.