Call for expression of interest for one (1) position of Computer Systems Engineer in the Institute of Computer Science (ICS) Foundation for Research and Technology – Hellas (FORTH)

**Position(s):** One (1) position of Computer Systems Engineer with preference in for experienced MSc-level scientists/engineers

**Project:** CIPSEC (700378) funded under Horizon 2020 Research and Innovation Programme.

**Desired starting date:** as soon as good candidates are available, one month after each evaluation

**Duration:** up to 12 months initially, hoping for good performance that will lead to likely extensions

**Location:** Heraklion, Crete, Greece

**Opening date:** 20/04/2017

**Closing date:** 05 May 2017; applications will be evaluated within May 2017, with contracts to successful applicants starting at the beginning of a month, one or two months after the respective evaluation closing date.

**Ref.:** “CIPSEC-01-April2017”

**Description**

The candidates will participate in the R&D work of FORTH within the CIPSEC project. We seek a senior level member for our team, mostly at the MSc level, preferably experienced. In case experienced candidates are not found, FORTH can also hire persons who have a strong inclination and interest in
the areas sought and who are willing to work hard to be trained and then become productive and stay
long enough in our team. Salaries are competitive, and will depend on skills and experience. Ability to
work in a team is a must, and ability to take initiatives and to communicate with people is a definite
plus.

• **Required qualifications:**
  o University degree in Computer Science and/or Engineering or related fields;
  o MSc in Computer Science and/or Engineering or related fields
  o Courses, projects, and/or experience, in Systems Software Architecture/Design;
  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:**
  Knowledge of and/or experience in and/or strong interest to learn one or more of the following:
  o LINUX programming, LINUX system deployment and configuration (Debian, Ubuntu, Redhat distributions)
  o Linux system administration
  o Experience with honeypot related software, deployment and configuration. High-
    medium-low interaction honeypots. (e.g Argos, Nepenthes, Amun, Dionaea)
  o Experience with network monitoring tools (e.g tcpdump, wireshark)
  o Experience with European research projects (e.g implementation, technical reports and
deliverables writing)
  o Experience in Linux security related tools (e.g nmap, iptables, access lists, VPN) and
    knowledge of PKI
  o Concurrency, multi-threaded programming, parallel programming, runtime systems,
    virtualization;
  o Inter-process communication software libraries e.g. sockets;
  o Performance analysis and optimization of Linux systems
  o Experience with PostgreSQL and MySQL relational databases

**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
- Contact information for 2 or 3 references;
Promising candidates will be invited for an interview before a decision is made.

**Contact Information:**
- For information and questions about the advertised position the activity of the group or the
  Institute, please contact Dr. Sotiris Ioannidis, ([sotiris@ics.forth.gr](mailto:sotiris@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.