

## ΑΝΑΡΤΗΤΕΑ ΣΤΟ ΔΙΑΔΙΚΤΥΟ



ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ  
ΥΠΟΥΡΓΕΙΟ ΠΑΙΔΕΙΑΣ, ΕΡΕΥΝΑΣ ΚΑΙ ΘΡΗΣΚΕΥΜΑΤΩΝ  
ΓΕΝΙΚΗ ΓΡΑΜΜΑΤΕΙΑ ΕΡΕΥΝΑΣ ΚΑΙ ΤΕΧΝΟΛΟΓΙΑΣ

**ΙΔΡΥΜΑ ΤΕΧΝΟΛΟΓΙΑΣ ΚΑΙ ΕΡΕΥΝΑΣ,  
ΙΝΣΤΙΤΟΥΤΟ ΠΛΗΡΟΦΟΡΙΚΗΣ**

Ταχ. Διεύθυνση: Ν. Πλαστήρα 100  
70013 Ηράκλειο Κρήτης

Αρ.Πρωτ. 3579  
Ηράκλειο 20-11-2018

**Call for expression of interest for one (1) position (MSc holder) in Computer Science / Computer Engineering in the Institute of Computer Science (ICS) Foundation for Research and Technology – Hellas (FORTH)**



**Position(s):** One (1) position (MSc holder) in Computer Science / Computer Engineering

**Project:** “E-RIHS PP - The European Research Infrastructure for Heritage Science Preparatory Phase” (Grant Agreement number: 739503), funded under Horizon 2020, “H2020-EU.1.4.1.1. - Developing new world-class research infrastructures”.

**Desired starting date:** January 1st, 2019

**Duration:** 9 months on a full-time basis with possibility of extension

**Location:** Heraklion, Crete, Greece

**Opening date:** 20/11/2018

**Closing date:** 05/12/2018

**Ref.:** “E-RIHS PP – Nov2018”

**Description**

We seek one experienced member for our team (MSc holder in Computer Science / Computer Engineering) with background in European RTD Projects. The candidate will participate in the R&D activities of FORTH-ICS in the context of the H2020 project “E-RIHS PP - The European Research Infrastructure for Heritage Science Preparatory Phase” (Grant Agreement number: 739503), funded under Horizon 2020, “H2020-EU.1.4.1.1. - Developing new world-class research infrastructures”.

**E-RIHS PP** activities are organized in eleven Work Packages. Each WP is subdivided into Tasks and Subtasks, according to the complexity of its planned actions. Our team coordinates the subtask 5.3.2

“Data interoperability”. The goal of this subtask is to create a typology and map of data and metadata standards, with generalization / specialization relations according to data sharing and inter- / trans-domain or disciplinary access needs. This includes data and metadata mapping and transformation methods and reference process models of maintaining mapped data up-to-date with sources and target requirements. For example, inspiration may come from medicine, which has needed to address similar diagnostic data issues.

#### Required qualifications

- Bachelor degree in Computer Science / Computer Engineering or related field
- MSc degree in Computer Science / Computer Engineering or related field
- At least two years of work experience in conceptual modeling, data and metadata mapping and transformation and thesaurus management with emphasis on
  - conceptual modeling and CH ontologies according to international standards and good practices (e.g. ISO 21127 (CIDOC CRM))
  - data and metadata mapping and transformation
  - thesaurus construction and management using international standards (e.g. ISO 25964-1:2011, ISO 25964-2:2013)
- Experience with EU- and national- funded projects
- Deliverable preparation
- Communication, coordination and management skills
- Willingness and ability to work cooperatively within a team, to learn, and to adapt to the projects
- Thorough knowledge of English
- Physical presence at FORTH, Heraklion, Crete for the duration of the position
- Completed military obligations or legally discharged at least for the duration of the project (for male Greek citizens candidates)

#### Desired qualifications

- Letters of recommendation
- Experience in Synergy Reference Model and data and metadata mapping and transformation system 3M (Mapping Memory Manager)
- Experience in data and knowledge representation languages (RDF, XML) and data management in XML, RDF and data graphs (e.g. XML databases, RDF triple stores, graph databases)
- Experience in thesaurus representation languages (SKOS) and thesaurus management systems

#### 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, references etc. demonstrating knowledge of desired skills (e.g. experience on specific programming languages and hardware platforms).

#### Contact Information

- For information and questions regarding the application and selection procedure, please contact: [webmaster@ics.forth.gr](mailto:webmaster@ics.forth.gr).
- For information and questions about the advertised position, the activity of the group or the Institute, please contact Maria Moutsaki ([moutsaki@ics.forth.gr](mailto:moutsaki@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](mailto: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.