HELLENIC REPUBLIC

MINISTRY OF DEVELOPMENT AND INVESTMENT

FORTH

FOUNDATION FOR RESEARCH AND TECHNOLOGY – HELLAS
INSTITUTE OF ELECTRONIC STRUCTURE AND LASER

One (1) Senior Research Associate in the project SSHOC
- SOCIAL SCIENCES & HUMANITIES OPEN CLOUD - EUROPE
(Call: H2020-INFRAEOSC-2018-2, RIA, GA 823782)
Funded under H2020-EU.1.4.1.1.

Horizon 2020
European Union funding
for Research & Innovation

Ref. 14293

Heraklion 11/9/2019

The Institute of Electronic Structure and Laser (IESL) of the Foundation for research and Technology Hellas (FORTH), in the framework of the project SSHOC, (Call: H2020-INFRAEOSC-2018-2, Proposal number: 823782), funded under H2020-E.U.1.4.1.1 – Developing new world-class research infrastructures, is seeking to recruit one senior research associate in:

(a) on the definition of a common metalevel schema, the SSHOC Reference Ontology (SSHOCro), to provide a semantic interoperability framework for the description of the SSHOC data life cycle, including both the generation and processing of the data; the work will built on existing models such as CIDOC CRM (ISO 21127:2006) and its extensions, the PARTHENOS Entity Model, PROV-O etc.
and

(b) on the semantic annotation of Heritage Science Data; the aim is to connect semantic modeling of 3D-objects with Heritage Science Data through annotation process; test adequacy of existing modeling and extend. The work includes revision and harmonization of metadata models in use for the documentation of heritage science procedures and standard protocols in the context of materials analysis of cultural heritage objects.

This research will be conducted in the context of **SSHOC**, which is one of five cluster projects within the larger European Open Science Cloud initiative that will realise the social sciences and humanities part of the European Open Science Cloud (EOSC) by offering a scalable and flexible access to research data and related services, tools and training adapted to the needs of the SSH community.

The **SSHOC** project (https://sshopencloud.eu/) aims to provide a full-fledged Social Sciences and Humanities Open Cloud (SSHOC) where data, tools, and training are available and accessible for users of SSH data. The focus of the project is determined by the goal to further the innovation of infrastructural support for digital scholarship, to stimulate multidisciplinary collaboration across the various subfields of SSH and beyond, and to increase the potential for societal impact. The intention is to create a European open cloud ecosystem for social sciences and humanities, consisting of an infrastructural and human component. Development, realization and maintenance of user-friendly tools & services, covering all aspects of the full research data cycle will be built, taking into account human-centric approach and creating links between people, data, services and training. SSHOC will encourage secure environments for sharing and using sensitive and confidential data. Where relevant, the results of EOSC-hub H2020 project will be adopted. The SSHOC will contribute to the Open Science agenda and realizing the EOSC. The SSH Cloud shall contribute to innovations stemming from the coupling of all heterogeneous data types - and work on the Interoperability principle of FAIR.

Required qualifications
- PhD in Physical Sciences (15%)
- Extensive knowledge on heritage materials and objects including policies and best practices in the field of Heritage Science (20%)
- Strong scientific and research background in Heritage Science. Demonstrated long experience with diverse analytical instruments and techniques with emphasis on their applications in studies of heritage objects and samples. Expert knowledge in experimental data acquisition, processing and interpretation in the broader historical or conservation context. Demonstrated experience in scientific data handling, harmonization, post-processing and re-use (25%)

Additional qualifications
- Demonstrated experience in participation and running with European or national R&D projects (15%)
- Good knowledge of the CIDOC CRM (ISO 21127:2006) and its extensions (10%)
- Strong research and publication record (15%)

Location: IESL-FORTH, Heraklion Crete GREECE
Start Date (earliest): November 1, 2019
Project Duration: 5 Months with possibility of extension according to the needs of the project
Approx. salary: € 14000-18000 (per annum after tax and social security deduction) depending on qualifications and FORTH regulations within the national legal framework for research contracts.

Application Submission
Interested candidates who meet the aforementioned requirements are kindly asked to submit their applications, no later than the **September 26, 2019, 23:59 local Greece** time to the address (hr@iesl.forth.gr), with cc to the Demetrios Anglos (anglos@iesl.forth.gr).

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In order to be considered, the application must include:

- Application Form (please download file from the job announcement webpage https://www.iesl.forth.gr/en/jobs-bids/jobs/job-positions)
- Detailed curriculum vitae (CV) of the candidate
- Motivation letter by the candidate
- Copies (in pdf format) of academic titles/transcripts

Any application received after the deadline will not be considered for the selection

Contact

For information and questions regarding the application and selection procedure, candidates are asked to contact the secretariat (hr@iesl.forth.gr), tel. +30 2810-391363.

For information and questions about the advertised position and the research activities of the group please visit:

- https://www.iesl.forth.gr/en/research/photonics-heritage-science
- https://al5801.wixsite.com/lasersforartsake

For more on the SSHOC project please go to:

- https://sshopencloud.eu

For specific candidates are encouraged to contact Dr Demetrios Anglos (anglos@iesl.forth.gr).

Selection Announcement

The result of the selection will be announced on the website of IESL-FORTH.

Candidates have the right to appeal the selection decision, by addressing their written objection to the IESL secretariat within five (5) working 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 IESL-FORTH in line with the Hellenic Data Protection Authority.

GDPR

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.