

ΑΝΑΡΤΗΤΕΑ ΣΤΟ ΔΙΑΔΙΚΤΥΟ



ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ
ΥΠΟΥΡΓΕΙΟ ΑΝΑΠΤΥΞΗΣ ΚΑΙ ΕΠΕΝΔΥΣΕΩΝ
ΓΕΝΙΚΗ ΓΡΑΜΜΑΤΕΙΑ ΕΡΕΥΝΑΣ ΚΑΙ ΚΑΙΝΟΤΟΜΙΑΣ

ΙΔΡΥΜΑ ΤΕΧΝΟΛΟΓΙΑΣ ΚΑΙ ΕΡΕΥΝΑΣ, ΙΝΣΤΙΤΟΥΤΟ ΠΛΗΡΟΦΟΡΙΚΗΣ

Ταχ. Διεύθυνση: Ν. Πλαστήρα 100, 70013 Ηράκλειο Κρήτης

Α.Π. 94364
Ηράκλειο, 21/11/2022

**Call for expression of interest for one (1) position, for a Research Associate
in the Institute of Computer Science (ICS)
Foundation for Research and Technology – Hellas (FORTH)**



Position(s): One (1) position for a Research Associate

Project: “NextGEM – Next Generation Integrated Sensing and Analytical System for Monitoring and Assessing Radiofrequency Electromagnetic Field Exposure and Health” (Grant Agreement number: 101057527) funded under Horizon Europe, HORIZON-HLTH-2021-ENVHLTH-02-01-Exposure to electromagnetic fields (EMF) and health

Desired starting date: January 1st, 2023

Duration: 6 months with possibility of extension

Location: Heraklion, Crete, Greece

Opening date: 21/11/2022

Closing date: 1/12/2022

Ref.: “NextGEM - ResearchAssociate-Nov2022”

Description

We seek a highly motivated and experienced member to join our team with a background in the areas of new generation wireless networks and 5G. The selected candidate will participate in the Research and development activities of ICS-FORTH in the context of the Horizon Europe project “NextGEM: Next Generation Integrated Sensing and Analytical System for Monitoring and Assessing Radiofrequency Electromagnetic Field Exposure and Health”, funded under Horizon Europe, HORIZON-HLTH-2021-ENVHLTH-02-01-Exposure to electromagnetic fields (EMF) and health. The selected candidate will work on new wireless technologies and radio frequency signals. In addition, the candidate will contribute in writing deliverables and technical reports, participate in project meetings and publish research results in peer-reviewed journals and conferences.

Abstract

NextGEM is a 4-year project which was started on 1st of July 2022 and is funded under the call “Exposure to electromagnetic fields (EMF) and health” (HORIZON-HLTH-2021-ENVHLTH-02-01). The NextGEM vision is to assure safety for EU citizens when employing existing and future EMF based telecommunication technologies. This will be accomplished by generating relevant knowledge that ascertains appropriate prevention and control/actuation actions of EMF exposure in residential, public, and occupational settings. Fulfilling the vision will provide a healthy living and working environment, under safe EMF exposure conditions, that can be trusted by people and be in line with the regulations and laws of the public authorities. For that, NextGEM will provide a framework for the generation of health-relevant scientific knowledge and data on new scenarios of exposure to EMF in multiple frequency bands, and develop and validate tools for evidence based risk assessment. NextGEM will also create the NextGEM Innovation and Knowledge Hub (NIKH) for EMF and Health offering a standardized way for European regulatory authorities and the scientific community to store and assess project outcomes, and provide access to FAIR data.

Position(s): One (1) position for a Research Associate.

Required qualifications:

- Degree in Electronic/Electrical Engineering, Computer Science or a related field
- MSc in Electronic/Electrical Engineering, Computer Science or a related field
- Modelling and experimentation on wireless networks
- Willingness and ability to work cooperatively within a team and to adapt to the projects needs
- Physical presence at FORTH, Heraklion, Crete for the duration of the position
- Very good written and verbal English communication skills to collaborate with domain experts

Desired qualifications:

- Knowledge on radiation patterns and modulation techniques
- Experience with cognitive radios and Software defined networks
- Desired software skills: Gnu radio, Matlab and Python
- Experience in executing research projects
- Publications in related fields

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 presentation of prior work, studies and/or publications, demonstrating knowledge of desired skills, qualifications and interests in the above areas
- Scanned copies of academic titles
- Contact information for 2 references

Contact Information:

For information and questions about the advertised position, the activity of the group or the Institute, please contact Dr Nikolaos Petroulakis at npetro@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.

Disclaimer

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.