

## ΑΝΑΡΤΗΤΕΑ ΣΤΟ ΔΙΑΔΙΚΤΥΟ



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

**ΙΔΡΥΜΑ ΤΕΧΝΟΛΟΓΙΑΣ ΚΑΙ ΕΡΕΥΝΑΣ  
ΙΝΣΤΙΤΟΥΤΟ ΠΛΗΡΟΦΟΡΙΚΗΣ**

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Ηράκλειο 12-2-2018

**Call for expression of interest for a position of an Expert in Electromagnetic Testbeds and  
Measurements  
in the Institute of Computer Science (ICS)  
Foundation for Research and Technology – Hellas (FORTH)**



**Position(s):** One (1) position of an electrical engineer, with expertise in electromagnetic testbed setup and measurements

**Project:** VisorSurf - A Hardware Platform for Software-driven Functional Metasurfaces, funded under Horizon 2020, H2020-FETOPEN-1-2016-2017

**Desired starting date:** April 1, 2018

**Duration:** 12 months on a part-time basis with possibility of extension

**Location:** Heraklion, Crete, Greece

**Opening date:** 12/02/2018

**Closing date:** 26/02/2018

**Ref.:** "VISORSURF-01-Feb2018"

**Description**

We seek an experienced member for our team, holder of a PhD degree in electrical engineering and a strong background in electromagnetic testbed setup and measurements. The candidate will participate in the R&D activities of FORTH in the context of the project VisorSurf - A Hardware Platform for Software-driven Functional Metasurfaces, funded under Horizon 2020, H2020-FETOPEN-1-2016-2017

In the context of VisorSurf project, FORTH, along with the project's partners, he/she will setup the experimental testbed required for profiling and evaluating software-driven metasurfaces. The testbed will support a wide array of fully customizable, parametric electromagnetic measurements, to study and evaluate the process of tuning a metasurface for a required end-functionality.

As such, prior experience in electromagnetic simulation testbeds, hands-on experience in custom setups and measurements in anechoic chambers and the associated tools (especially for evaluating radiation directivity), as well as the ability to communicate with and work as a member of an international, multicultural research consortium, are all very important aspects for the position offered.

- **Required qualifications:**

- PhD in electrical engineering degree, focusing on electromagnetic measurements.
- 5+ years of professional experience in designing/developing/evaluating electromagnetic radiation systems.
- Extensive prior experience in anechoic chambers.
- Publications in the field of programmable/tunable, beam steering/directive setups.
- Willingness and ability to work cooperatively within a team, to learn, and to adapt to the projects.
- Fluent knowledge of English.

- **Desired qualifications:**

- Working knowledge of metasurface design and analysis concepts.

#### **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, demonstrating knowledge of desired skills (e.g. experience on specific programming languages and tools)
- 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. Christos Liaskos ([cliaskos@ics.forth.gr](mailto:cliaskos@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.