One post-doctoral position in the project

VisorSurf - A Hardware Platform for Software-driven Functional Metasurfaces

(Call: H2020-FETOPEN-1-2016-2017, GA 736876)

Funded under H2020-EU.1.2.1. - FET Open

The Institute of Electronic Structure and Laser (IESL) of the Foundation for research and Technology Hellas (FORTH), in the frame of the project VisorSurf which is a Research and Innovation action – RIA – (Call: H2020-FETOPEN-1-2016-2017, Proposal number: 736876), funded under H2020-EU.1.2.1. - FET Open, is seeking to recruit one post-doctoral researcher.

Job Description
Analysis, numerical modelling and optimization of software controlled metasurfaces aiming (a) perfect absorption of electromagnetic radiation, (b) wave steering, (c) wavefront shaping. Metasurfaces combining metallic components and software-controllable semiconductor diodes will be primarily investigated, as well as graphene incorporating metasurfaces.

Required qualifications
- Bachelor in Electrical Engineering (40%)
- Experience in the study of microwave metamaterials and metasurfaces (30%)
- Good knowledge of English (10%)
- Knowledge of CST microwave studio software (10%)

Additional qualifications
- Knowledge of COMSOL software (10%)
Location: IESL-FORTH, Heraklion Crete GREECE
Start Date: July 1, 2018
Project Duration: 6 Months with possibility of extension according to the needs of the project
Monthly budget: 1100 - 1500 euro

Application Submission
Interested candidates who meet the aforementioned requirements are kindly asked to submit their applications, no later than the 1st of June 2018, 23:59 local Greece time to the address (hr@iesl.forth.gr), with cc to Dr Maria Kafesaki (kafesaki@iesl.forth.gr).

In order to be considered, the application must include:
- Application Form (please download file from the job announcement webpage)
- Brief CV
- Scanned copies of academic titles
- For male candidates: proof that have completed their military obligations (if any).

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 2810-391301.
For information and questions about the advertised position and the research activity of the group or the institute, candidates are asked to contact Dr Maria Kafesaki (kafesaki@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) 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.