



Πανεπιστήμιο Κύπρου  
University of Cyprus

**DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING  
SPECIAL SCIENTIST**

<b>Title</b>	: Special Scientist
<b>No. of Position(s)</b>	: One (1)
<b>Category</b>	: 1 Year Contract (March 2020 – February 2021), subject to renewal
<b>Location</b>	: University of Cyprus, Nicosia

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**JOB TITLE**

Special Scientist Position in RF/Microwaves and Antennas for the design of Advanced Reconfigurable Metasurfaces

**JOB SUMMARY**

The Department of Electrical and Computer Engineering at the University of Cyprus (UCY), announces vacancies for one part-time Special Scientist positions in the Advanced RF Electronics Centre for Adaptive Metamaterials (RF-META) project (<http://rf-meta.ucy.ac.cy/>) funded by the Research and Innovation Foundation (RIF) of Cyprus. The ideal candidate will have experience in RF/microwaves, antennas and photonics.

**JOB DESCRIPTION**

The candidate will be involved in the development of reconfigurable metasurfaces using electronic and photonic techniques. This will involve the theoretical and physical design of fixed-beam and pattern reconfigurable prototypes in the C-band and in the Ka-band. The Special Scientist will report directly to Prof. Marco Antoniadis and Prof. Stavros Iezekiel.

**UNIVERSITY OF CYPRUS**

The University of Cyprus was officially founded in 1989 and started operating in Nicosia, the capital of Cyprus, in 1992. Within a short time, the University of Cyprus has managed to achieve international recognition through an impressive course of development. Today, it is ranked 64<sup>th</sup> best young university (under 50 years) and #351-400 worldwide by the Times New Higher Education Rankings. These and many other distinctions are the result of our dedication to excellence and continuous development. The recruited person will have access to the experimental facilities of both the Department of Electrical and Computer Engineering and the EMPHASIS Research Centre (<http://www.emphasis.ucy.ac.cy/>).

**DUTIES AND RESPONSIBILITIES:**

- Design and simulation of reconfigurable metamaterial structures (metasurfaces).
- Fabrication and testing of prototypes
- Close interaction and collaboration with other researchers in the RF-META project.
- Collaboration and support of the team at UCY towards the implementation of research objectives.

**REQUIRED QUALIFICATIONS AND SKILLS:**

- Bachelors degree in Electronics, Electrical Engineering, Physics or a related discipline.
- Relevant research experience in RF/microwaves, antennas and photonics.
- Excellent command of the English language (written and verbal).
- Excellent organisation, time management, collaboration and communication skills.

**EMPLOYMENT TERMS:**

The monthly gross salary for full-time employment (140 hrs/month) is in the range of €1500-2500 (€10,81/hr - €17,86/hr). From this amount employer and employee contributions to the various Government Funds will be deducted. The salary will vary depending on experience and qualifications. The initial contract is for one (1) year with the possibility of renewal based on successful progress. 13th salary is not provided.

## **SUBMISSION OF APPLICATIONS:**

Interested candidates should submit the following items, in PDF format, via e-mail to Prof. Marco Antoniadis ([mantonia@ucy.ac.cy](mailto:mantonia@ucy.ac.cy)) and Prof. Stavros Iezekiel ([iezekiel@ucy.ac.cy](mailto:iezekiel@ucy.ac.cy)) by **26 February 2020**:

1. Cover letter that specifies their employment availability date.
2. A detailed curriculum vitae (contact address and telephone number should be included).
3. Copies of degree certificate(s) and of transcripts.
4. The names and contact details of two persons, of whom at least one is an academic, from whom references may be requested.

For more details and clarifications, you may contact Prof. Marco Antoniadis, +357 22892234, [mantonia@ucy.ac.cy](mailto:mantonia@ucy.ac.cy) or Prof. Stavros Iezekiel, +357 22892190, [iezekiel@ucy.ac.cy](mailto:iezekiel@ucy.ac.cy).