

UNIVERSITY OF CYPRUS

IRIDA Research Centre for Communication Technologies

PHD SCHOLARSHIPS

Title:	Phd Scholarships
No. of Position(s):	Two (2)
Category:	2 Year Contract (subject to renewal)
Location:	University of Cyprus, Nicosia

The IRIDA Research Centre for Communication Technologies announces 2 full-time PhD Student Scholarships in the area of wireless communications. The IRIDA Research Centre for Communication Technologies (<http://iridacentre.ucy.ac.cy>) is a recently established research centre at the Department of Electrical and Computer Engineering of the University of Cyprus, conducting both basic and applied research in the broad area of wireless communication theory and its applications. The research undertaken at IRIDA, deals with various types of wireless communication networks such as machine-to-machine communications, cellular networks, relaying, cognitive radio, heterogeneous networks, wireless-powered communications, 5G and beyond 5G wireless communications. The centre has close and frequent collaboration with world-leading academic and industrial institutions in the area of telecommunications. The IRIDA Research Centre has a vast experience in managing small and large-scale research proposals funded by the Research Promotion of Cyprus and the European Commission. Currently, IRIDA is participating in eight research projects – five of which are coordinated by IRIDA – including the highly prestigious ERC Consolidator Grant. Moreover, the centre is currently equipped with state-of-the-art software-defined radio devices from National Instruments for the development and evaluation of advanced signal processing techniques and communication protocols but also with customized devices for the study of wireless-powered communication architectures.

PhD Candidate Profile

The candidate should possess a Bachelor degree or equivalent in Electronic/Electrical Engineering, Computer Science, Applied Mathematics or other relevant field. A Master degree or equivalent will be considered as an advantage.

The ideal candidates should have some knowledge and experience in a number of the topics listed above.

Development skills in MATLAB or C++ are required. Knowledge of software-define radio systems and development skills in NI Labview will be considered as an advantage.

Fluent written and verbal communication skills in English are required.

EMPLOYMENT TERMS

The scholarship will be for two years and may be renewed annually, based on performance, for 3-5 years. **It includes the University tuition fees and a monthly stipend between €1500-€2000** depending on the candidate's qualifications and expertise. The 13th salary bonus is incorporated in the monthly salary. The position does not include medical insurance coverage, however the University of Cyprus provides the opportunity, if the employee desires so, to become a member at the Governmental Medical Plan (annual cost per person €550) or join the Private Medical Scheme (cost of 5.5% of gross salary). Maternity leave will be granted based on Maternity Protection Laws 1997 to 2011.

Interested candidates should submit the following by email to the Director of the IRIDA Centre, Associate Professor **Ioannis Krikidis** at **krikidis@ucy.ac.cy** by Friday 8th March 2019.

1. Cover letter that specifies their employment availability date.
2. A detailed curriculum vitae in English or in Greek.
3. Copies of transcripts of BSc/MSc/PhD degree(s).
4. The names and contact details of at least two persons from whom references may be requested.

Please note that the applications will be processed as they are received and so the positions may be filled before the closing date.

For more information please contact the IRIDA Research Centre for Communications Technologies, by phone at +357 22 89 51 59.