Photonics & RF Research Lab

UNIVERSIDAD DE MÁLAGA

PhD Position

Integrated Photonics for Spectral Shaping

Qualifications

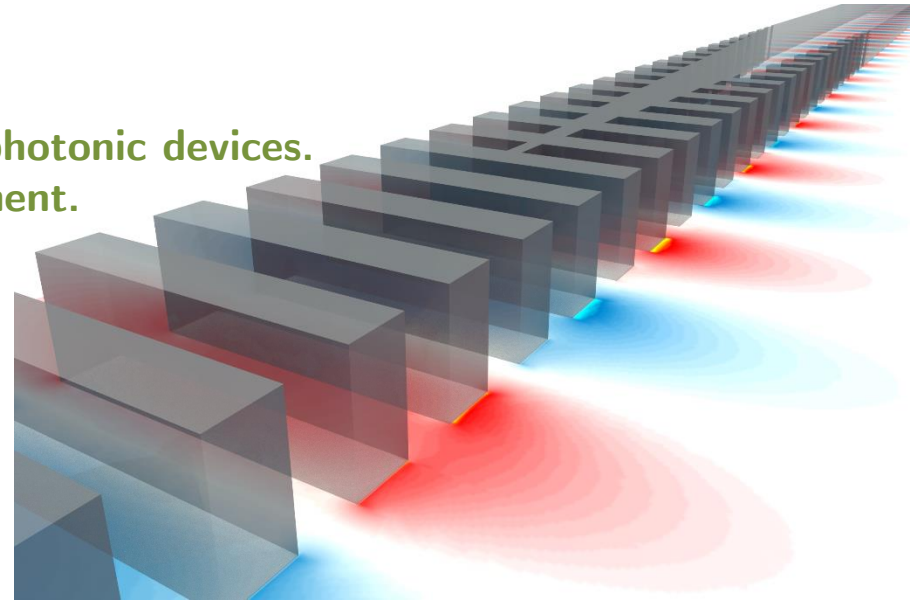
- Master in Telecommunication Engineering/Physics/Electrical and Electronic/Optics or related fields.
- Also Master students in the same fields with more than 60 credits already passed.

Preferred Skills

- Background in electromagnetic/photonic modelling and simulation. Optoelectronic measurement and characterization.
- Good communication skills in spoken and written English.
- Motivation and strong interest in science/technology/nano-photonics.

We offer

- Acquisition of a high level of knowledge in the design and characterization of photonic devices.
- Intensive PhD supervision by an interdisciplinary team. Good working environment.
- Research stays at highly renowned international research groups.
- Salary: Same as Spanish ministry FPI & FPU grants (~18.000€/year).
- Duration: 3 years. Tentative starting date June/July 2021.



Further information

- Submit your CV before 1st May 2021 to Prof. I. Molina-Fernández (imf@ic.uma.es)
- Visit our website www.photonics-rf.uma.es

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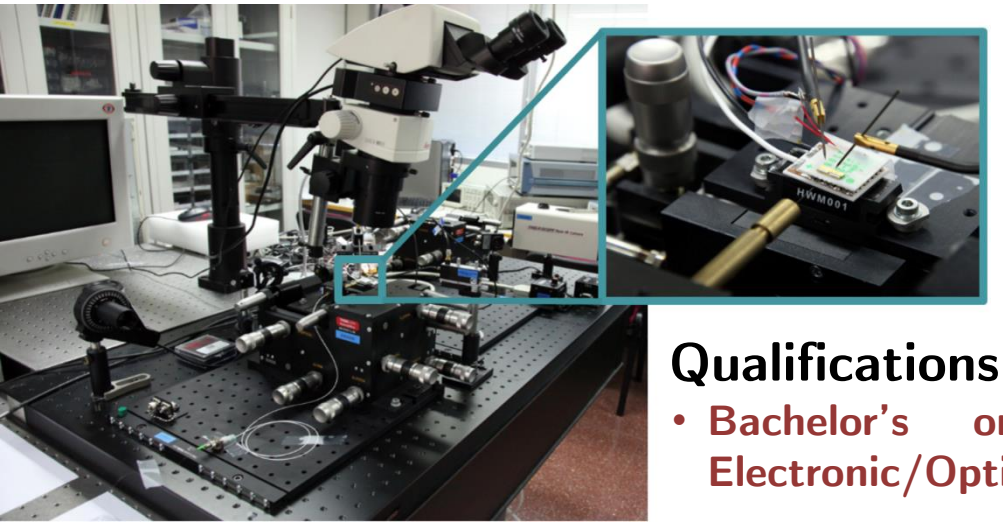

Research Engineer Position

Integrated Photonics Mask Design and Characterization

Qualifications

- **Bachelor's or master degree in Engineering/Telecom/Physics/Electrical and Electronic/Optics or related fields.**

Preferred Skills

- **Experience in working with complex laboratory equipment, such as optical spectrum analyzers, polarization controllers or tunable laser sources. Expertise in controlling measurement equipment via GPIB or equivalent APIs.**
- **Expertise in programming (Matlab, Python) for the generation of simulation scripts.**
- **Notions of computer-aided technical drawing (Autocad) for the generation of Photonic Integrated Circuit masks.**
- **Solid understanding of electromagnetics. Fluent English level. Motivation and strong interest in science and technology.**

We offer

- **High level training in measuring of photonic devices. Good working environment. Possibility to continue as PhD.**
- **Salary: 18.600 €/year. Duration: 2 years. Tentative starting date June/July 2021.**

Further information

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