

# JOB VACANCY



## ABOUT VLC PHOTONICS

VLC Photonics was born in 2011 as a technological spin-off company from the Technical University of Valencia.

The company now focuses its solutions around the photonic integration technology. It is a world pioneer in the design house business model, providing all kind of services related to this technology: engineering consultancy, optical chip design, chip testing, and brokerage for manufacturing and packaging subcontracting. Check our website for more info.

## PHOTONIC INTEGRATED CIRCUIT TEST ENGINEER

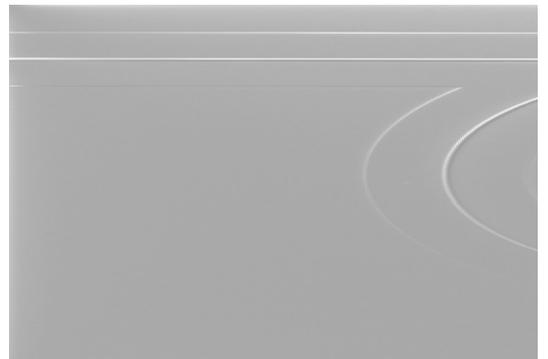
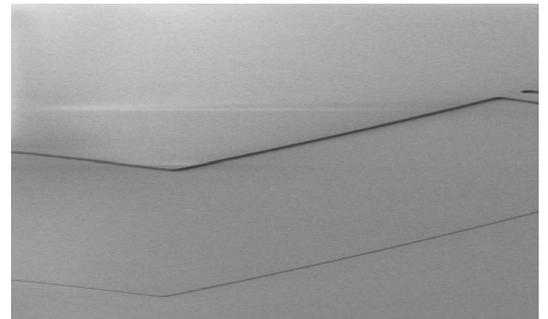
VLC Photonics is a young and very dynamic company, now searching for a new member to be added to its growing team.

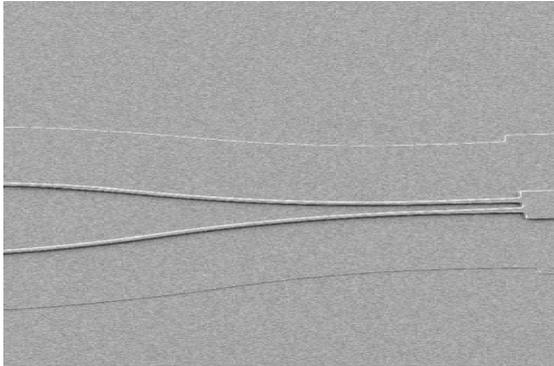
### REQUIRED BACKGROUND/EDUCATION

Engineering degree on Physics, Telecommunications, Microelectronics/RF, Optics/Photonics, or similar.

### REQUIRED SKILLS

- Knowledge of optics and photonics technology. Master or Ph.D. in Optics/Photonics, or in Semiconductors.
- Practical experience on an optical laboratory, measurement equipment and tools.
- Bare die (chip) level and/or wafer level opto-electronic characterization and test skills.
- *Matlab/Octave, Python* user knowledge.
- High level of English (fluent B2 minimum). Having lived abroad will be highly valued. English interview.
- Very pro-active, versatile character.
- Organized, capability to deal with tight deadlines.
- Good analytic and communication skills.





## VALUABLE SKILLS

- Lab automation (e.g. with *Labview*, *Python*, etc.).
- Photonic integrated circuit (PIC) design skills (PhoeniX/Rsoft/Synopsys, Photon Design, IPKISS/Lucedra, Lumerical, VPI, etc.).
- PIC fabrication/packaging knowledge.
- Experience in customer and project management.
- Availability for international travelling.
- Experience in photonic integration technology and its ecosystem.
- Any other extra language (e.g. French, German, Dutch, Chinese, Russian). Spanish not strictly needed but recommended.
- *Microsoft Office* or *LibreOffice* suites, medium-advanced knowledge.
- *Linux* user knowledge
- Good international networking skills and available professional network.
- Ambition for growth and expansion.

## POSITION RELATED TASKS

- Technical characterization and test activities for different material platforms (silicon photonics, SiN, InP, PLC) and applications.
- Measurement processing and reporting.
- Lab equipment and component provider interfacing.
- Supervision of technical tasks performed by technicians, interns and/or other less skilled technical personnel.
- Collaboration in the preparation of customer and R&D proposals and projects.
- Customer management: teleconferences and meetings, project management.

## GROSS ANNUAL SALARY

Depends on candidate's adequacy

## OTHER BENEFITS

- Access to UPV campus facilities (sports complex, library, parking, medical center, etc.)
- Close access to public transport (tram, train, rental bikes)
- Very flexible worktime schedule.

## LOCATION

VLC Photonics offices, Valencia, Spain ([map](#))

## STARTING DATE

As soon as possible

VLC Photonics offers a stimulating and varied work environment in a young but growing high-tech business start-up, located at an attractive international city in the Mediterranean coast (300 sunny days a year). Cost per living in Valencia is very affordable compared to other Spanish or European large cities ([check](#)). Additionally, VLC Photonics offers continuous education and training in all technical activities, and provides free or low-cost access to certified courses in many areas through the Permanent Training Center (CFP) of the UPV.

Interested candidates please forward the CV and presentation letter at [careers@vlcphotonics.com](mailto:careers@vlcphotonics.com) for evaluation, indicating in the subject "**Photonic Integrated Circuit Tester position**".