

Postdoctoral Position (Design and integration of single photon sources in Si PICs)

We are looking for a postdoctoral researcher on the **design, simulation and integration of III-V semiconductor quantum dot-based single photon sources on silicon and LiNbO₃ PICs**.

We offer a postdoctoral position for a highly motivated researcher with strong track-record, strongly committed to contribute to a breakthrough project in photonics.

The research will be carried out at the Nanophotonics Technology Center (<https://ntc.webs.upv.es/>) of the Universitat Politècnica de València, in collaboration with renowned partners. Research group (<https://ntc.webs.upv.es/iii-v-semiconductors-and-graphene/>)

Our research group belongs to the **Nanophotonics Technology Center (NTC) at Universitat Politècnica de València**.

REQUIREMENTS:

- PhD in photonics, optics or related.
- Full professional competence in English.
- Ability to work both independently and collaboratively.
- Degree in Physics, telecommunication engineering or similar.

JOB CONDITIONS:

- 1.5-years contract; possibility of extension.
- Annual Gross Salary: 28,000 € - 32,000 €; commensurate with experience.
- Health and Social benefits included according to Spanish law.
- Work in a highly competitive international environment.
- Full access to a Unique Scientific and Technical Facility of the Spanish Government: ICTS MICRONANOFABS, NTC-UPV node (<https://micronanofabs.org/en/home-2/>)
- Full access to computation capabilities.

Should you are interested, please **send us your CV and motivation letter:**

vjgomher@ntc.upv.es and misalas@ntc.upv.es

