

Postdoctoral position in experimental integrated photonics

We are currently seeking a postdoctoral researcher with experience in experimental nanophotonics to join our group at the Public University of Navarre (UPNA) at the beginning of 2021. The successful candidate will be part of an emerging ERC Starting Grant project, broadly covering the fields of nanophotonics, quantum optics, integrated optics and metamaterials. The researcher will have the opportunity to join a multidisciplinary team, interacting with experts in nanophotonics theory and quantum optics.

(1) Responsibilities and tasks

The main task of the researcher will be to construct and be in charge of a state-of-the-art experimental setup for the characterization of integrated photonic devices. Together with theoreticians, the researcher will design photonic nanostructures aiming to observe new wave phenomena, as well as to demonstrate integrated photonic devices with novel functionalities. The researcher will lead this research line, write scientific manuscripts, and disseminate the results of the project.

(2) Qualifications

Candidates should have a PhD degree in physics or electrical engineering, and have a solid background in experimental photonics. Interest and familiarity with theoretical modelling is a further advantage.

(3) Compensation and benefits

We offer a scientifically stimulating job with a competitive salary commensurate with experience and skill level. The duration of the appointment will be of three years, with possibility of extension. The position is immediately available. The group offers opportunities to travel to conferences and workshops.

(4) How to apply

Applications must be sent to Iñigo Liberal (inigo.liberal@unavarra.es) including: (i) Curriculum Vitae with a description of previous research and list of publications, and (ii) contact information of 2 references.