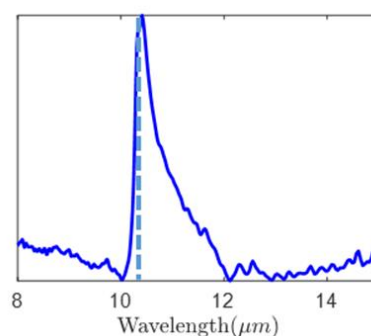
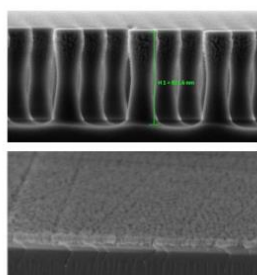


PhD Position in Photonic Nanostructures for Thermal Engineering Applications

We are seeking for a highly motivated graduate student wishing to engage in cutting-edge research in the fields of nanophotonics and quantum optics. The research activity is broadly in the areas of photonic nanostructures and advanced materials for thermal engineering applications. The student will work within the framework of an ERC Starting Grant project, having the opportunity to interact with other students and senior researchers within a multidisciplinary team.

The student is expected to be able work independently and take responsibility towards the project. In particular, the candidate will contribute to the project with both theoretical and experimental efforts, including the following tasks:

- (i) Fundamental theoretical research on thermal electrodynamics in photonic nanostructures and advanced material platforms.
- (ii) Fabrication of photonic nanostructures in our clean room facilities.
- (iii) Characterization of the performance of the fabricated prototypes via FTIR spectroscopy.



Approval and Enrolment

The candidate will enroll in the Doctorate in Communications Technology, Bioengineering and Renewable Energies (TECOMBER) at the Public University of Navarre (UPNA) and pursue the completion of a PhD Degree, subject to academic approval.

Application

Applications must be sent to Iñigo Liberal (inigo.liberal@unavarra.es) no later than **November 30th, 2020**. Applications must include: (i) Curriculum Vitae, (ii) Grade transcripts and BSc/MSc diploma, (iii) Contact information of 2 references. Candidates may apply prior to obtaining their master's degree.