

Interested in pursuing a **PhD** at Universidad Politécnica de Valencia (UPV)?

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

We propose you a Project on the **development of photonic devices based on graphene grown on dielectric substrates**.

What are you suppose to do?

- Growth and characterization of Graphene on dielectric substrates
- Simulation and design of hybrid Silicon/Graphene photonic devices
- Fabrication and characterization of the hybrid photonic devices

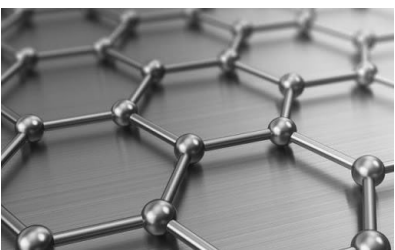
What do we offer?

- Develop a PhD thesis within a top level research institution
- Integrate into the newly created graphene research team at NTC-UPV
- Work in research projects funded by the GVA and the MICINN

What do we ask?

- High level of motivation.
- Good english level (> B2).
- Good academic track
- Profile: Physics, telecommunication engineering, other profiles may be considered. Master related to nanosciences, nanotechnology, telecommunications.

Should you are interested, please **send me your CV and motivation letter:**
vjgomher@ntc.upv.es - misalas@ntc.upv.es



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