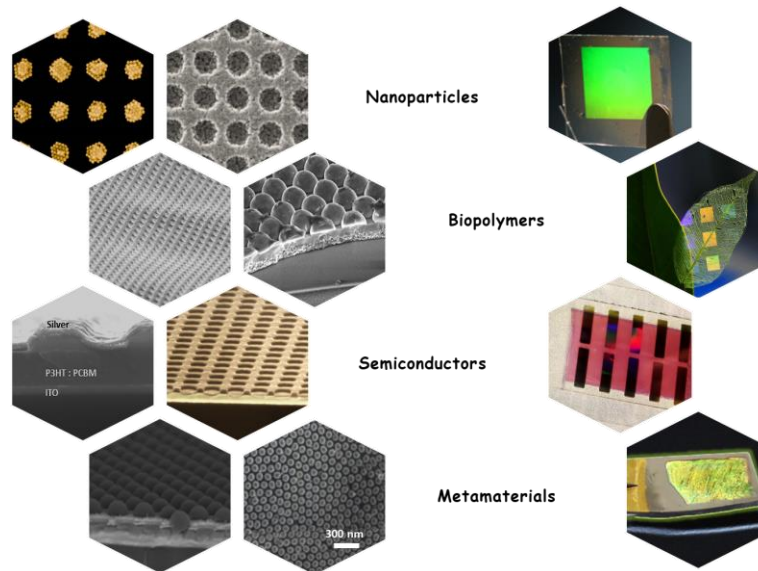


Deadline 15th March 2019

Postdoctoral researcher wanted

### Postdoctoral researcher in plasmonic structures



**Our group** aims at the integration of large area and inexpensive photonic architectures in optoelectronic devices to boost their performance through exciting photonic properties. We fabricate photonic crystals and plasmonic arrays fabricated with unconventional techniques fully compatible with industrial processes, such as *soft nanoimprinting technology*. Our photonic architectures cover centimeter areas and exhibit excellent optical quality.

We look for an expert in photonics and plasmonics with experience in:

- Optical setups and optical characterization of plasmonic structures
- Theoretical modelling of the photonic structures via FDTD formalism.
- Sample fabrication and clean room experience.
- Good level of English written and spoken.

**We offer 18 months of contract in an ERC funded project.**

**We are grateful to all the candidates that show interest in the offer. However, only excellent candidates with proven experience in the above skills will be contacted for an interview.**

**PI and Further info:** Agustín Mihi Ph.D. ([amihi@icmab.es](mailto:amihi@icmab.es))

Institute of Materials Science of Barcelona ICMAB – CSIC Campus UAB, Barcelona (SPAIN)

**Links:** <https://scholar.google.es/citations?user=gBZ89EwAAAAJ&hl=es>

<https://departments.icmab.es/nanopto/photonic-architectures-for-light-management/>