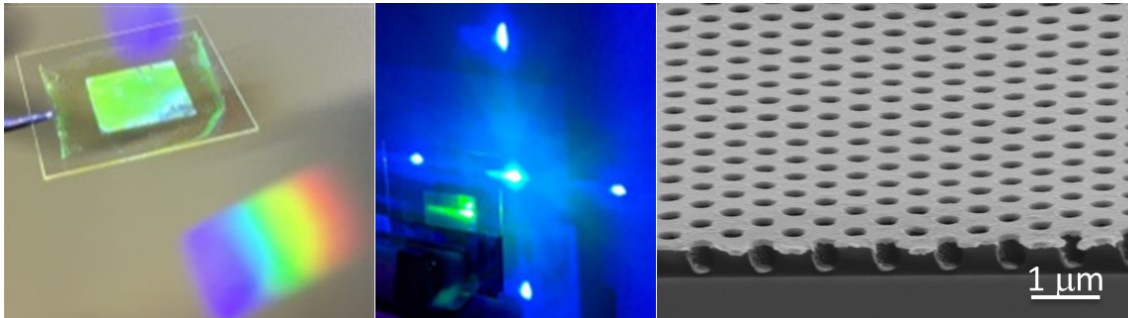


PhD OFFER in Photonic Nanostructures



Photonic and plasmonic architectures hold great promise to improve the performance of many optoelectronic technologies through the ability to manipulate light at the nanoscale. However, these nanostructures are typically produced via cumbersome and costly lithographic processes. In our group, we work fabricate photonic nanostructures using a scalable and low-cost ***soft nanoimprinting technique*** compatible with emerging optoelectronic devices. Our approach is compatible with a wide variety of materials such as biopolymers and colloids leading to a new generation of unconventional photonic architectures.

We look for an enthusiastic researcher familiarized with the fields of photonics/plasmonics and:

- Master in Photonics, Nanoscience, Physics or similar subjects.
- A good level of written and spoken English.
- Optical setups know-how and optical spectroscopy background
- Nanofabrication experience, knowledge of vacuum and cleanroom work environments

We offer: A PhD contract 3 years within the EIC Pathfinder Open Program Dynamo

Please send us your CV, academic record and cover letter **before the 20th of November 2022**:

Agustín Mihi (amihi@icmab.es)

Institute of Materials Science of Barcelona ICMAB – CSIC

Campus UAB, **Barcelona (SPAIN)**

<https://enlightment.icmab.es>

<https://dynamo-project.eu/>

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