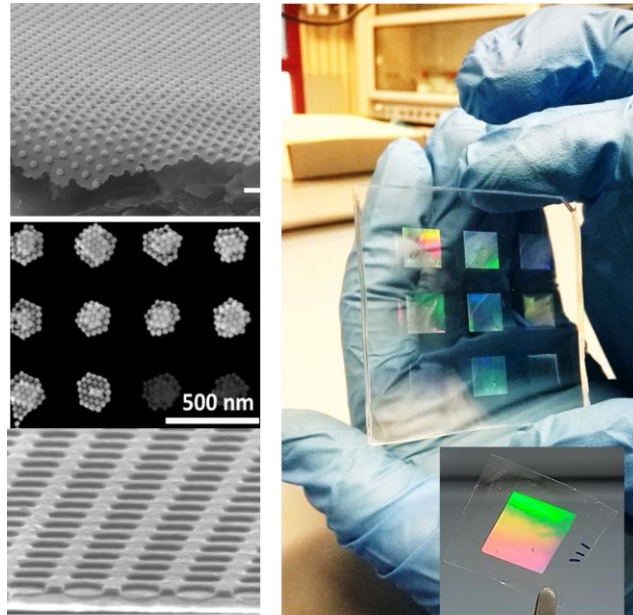


Deadline May 2018

Postdoctoral researcher wanted

Photonic and Plasmonic Architectures by Soft Lithography



The project aims at the integration of large area and inexpensive photonic architectures in optoelectronic devices to boost their performance through exciting photonic properties. We will fabricate **photonic crystals** and **plasmonic arrays** fabricated with unconventional techniques fully compatible with industrial processes, such as *soft nanoimprinting technology*.

- **We look for** experts in *Photonic/Plasmonics* to participate in the characterization and integration of the photonic structures into real devices (**Organic Solar Cells**, **Photodetectors**, **SERS substrates** for Sensing, etc) and to explore the exciting optical properties of these plasmonic architectures in unconventional materials such as cellulose, colloids or conductive polymers.
- **We offer** a 2 –year position at our group funded by the ERC project ENLIGHTMENT

PI and Further info:

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