

07/02/2022

Postdoctoral researcher wanted

Cellulose based Photonic Materials

The project aims at combination of cellulose derivatives with photonic architectures of different types. We will use unconventional nanofabrication techniques fully compatible with industrial processes, such as *soft nanoimprinting technology*. This type of lithography has high resolution while avoiding complex clean room processes, hence allows the exploration of photonics with colloids, biopolymers and more.

- **We look for** experts in cellulose derivatives that wish to embark in an exciting adventure with these materials.
- **We offer** a 18 month –year position at our group funded by the ERC-POC Cello
- **Candidates must demonstrate experience working with the material.**

PI and Further info:

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More info on the group:

<https://enlightment.icmab.es/>

Reading refs:

Hydroxypropyl cellulose photonic architectures by soft nanoimprinting lithography
A.Espinha et al. Nature Photonics 12, pages343–348 (2018)

