Postdoctoral Position (Deadline 1/12/2021)

**Researcher in Plasmonic Supercrystals**

In our group, we use scalable soft nanoimprinting techniques to fabricate plasmonic nanostructures compatible with emerging optoelectronic devices.

**Plasmonic supercrystals** are large area assemblies of metal nanoparticles from colloidal dispersions in large periodic geometry. The arrangement in a larger superstructure allows us to engineer the optical response of the film, and it has great potential for sensing, lighting and photovoltaics. (More info: Acc. Mater. Res. 2021, 2, 9, 816–827)

**We look for a motivated and highly skilled to work on:**

- Template assisted fabrication of plasmonic supercrystals.
- Optical characterization of the nanostructures (SERS and Circular dichroism.)
- Good level of English written and spoken.
- **Experience in plasmonics, nanofabrication and optics will be valued.**

**PI and Further info:**

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**Target Start Date of the position: 1 / 1 / 2022**