



Laboratoire de Chimie de la Matière Condensée de Paris
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Post doctoral scientist offer

Development of photonic dyes obtained by soft chemistry

Advisor: Dr. Cedric Boissiere

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With the growing concerns on toxicity of chemicals in food, plastic and cosmetic industries, it is very suitable to develop new dyes formulations involving no toxic molecules nor heavy metals.

Nowadays, It is possible to adress such concern by developping photonic dyes able to diffract light efficiently. Yet, a large gap exists in between academic publication and large scale production of cheap, non toxic and robust dyes that can be dispersed into various media.

The actual position targets the development of such a dye formulation obtained by innovative coupling of soft chemistry and processings.

Important points:

- This work will be co-developped with an industrial partner. As a consequence, no academic publication is planned at short term.
- Work start: marsh 2021 for six months.
- For further details, please contact cedric Boissiere (send a CV and phone number)

Candidate Profile

Doctorate in the field of sol-gel chemistry, processing and optics. The candidte will be in charge of experiments, analysis, redaction of reports and presentation with our industrial partner.

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