

第259回GMSI公開セミナー／第82回CIAiSセミナー／第4回iFSセミナー

Photomaterials for optics and nanotechnologies ... and art?

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Date: Friday, 20 Apr. 2018, 15:30-16:30

Venue: Faculty of Engineering Bldg. 2, 3F, 1A/B

Abstract:

The group MNMS of IS2M has developed an expertise in the domain of photopolymers for optics and nanotechnologies. We study unconventional micro and nanofabrication including self assembly and/or photochemistry. Fabrication processes are also studied from a chemical point of view. Combination of both approaches lead to new structurable photomaterials and new properties induced by specific nanostructuring. In this talk, we propose a general overview of the research interest of the group. Opening to applications in the field of art or design will also be presented.



Biography:

Carole Ecoffet is a senior scientist in physico-chemistry at Institut de Science des Matériaux de Mulhouse. Her main research field is photopolymers for optics and nanotechnology. She is also associated to ENSADLab, the research group of Ecole Nationale Supérieure des Arts Décoratifs in Paris (ENSAD) where she develops connections between artists and laboratories in which smart materials are developed. In interaction with a group of epistemology (Laboratoire d'Histoire des Sciences et de Philosophie – Archives Poincaré, UMR 7117), she enquires the way of establishing fruitful collaborations with artists in the lab.

主催： 東京大学大学院工学系研究科専攻間横断型教育プログラム 機械システム・イノベーション (GMSI)
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