

Consortium Strasbourgeois en Opto-Électronique Organique.

Organic Opto-Electronics Consortium Strasbourg

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ABSTRACT:

The consortium, founded in 2010, aims to bring together Strasbourg's actors in the field of organic electronics, gathering members from four research institutes located on the Cronenbourg campus: ICPEES, ICS, IPCMS and ICube.

The consortium, which currently comprises 17 permanent researchers and lecturers, promotes interaction and common understanding between the different disciplines involved in organic opto-electronics, from molecular chemistry to device elaboration and including advanced structural and opto-electronic characterizations. Since its creation, the consortium has carried out projects in several areas of organic optoelectronics including lighting (organic electroluminescent diodes and LASERs), energy production (organic photovoltaic devices, organic thermoelectrics), smart windows (photovoltaic spatial light modulators) and health (bio-imaging, organic electrochemical transistors).

The members of the consortium also participate in the training of young researchers, by funding master's, doctoral and post-doctoral fellowships in chemistry, physical chemistry and physics.

The two posters presented at this HiFunMat conference illustrate the activities of the consortium through some examples of work carried out.

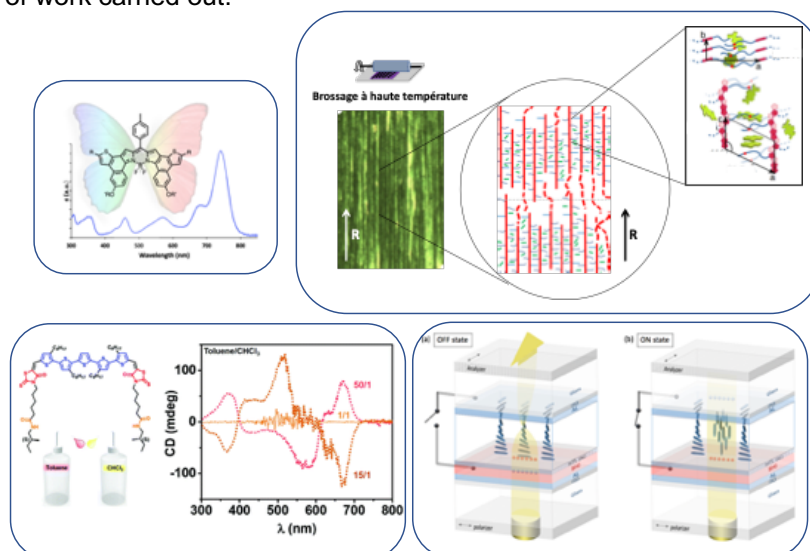


Figure 1. Illustration of research activities carried out by the consortium