

“Nanostructures and Photonics” Workshop

8th June, 2022

Campus Mirande, Bâtiment Sciences-Mirande
Dijon, France

10:00-10:20	Coffee Time
10:20–10:30	Welcome , Alexandre Bouhelier, ICB, UBFC-Dijon Introduction , Michaël Gauthier, FEMTO-ST, UBFC-Besançon (Co-Head of French-Swiss SMYLE Collegium)
10:30–11:00	3D printed metamaterials Muamer Kadic, Micro-nano sciences & systems Department, FEMTO-ST, UBFC-Besançon
11:00–11:30	Light-absorption in Nanoantennas for Energy & Photonics Devices Giulia Tagliabue, Laboratory of Nanoscience for Energy Technologies, EPFL-Lausanne
11:30–12:00	Advanced hybrid plasmonic nano-emitters using smart photopolymer Renaud Bachelot, L2N, UTT-Troyes
12:00	Lunch break
13:45–14:45	Poster Session & Coffee
14:45–15:15	Plasmonics and spin-orbit interaction of light Thierry Grosjean, Optics Department, FEMTO-ST, UBFC-Besançon
15:15–15:45	Coherent frequency conversion using molecular oscillators in plasmonic nanocavities Christophe Galland, Laboratory of Quantum and Nano Optics, EPFL-Lausanne
15:45–16:15	Nonlinear transfer functions in Nanophotonics: A route towards new ultrafast lasers and artificial intelligence Benoit Cluzel, Photonics Department, ICB, UBFC-Dijon
16:15	Conclusion of Seminar

Workshop organized in the framework of the French-Swiss SMYLE collegium established between EPFL and members of UBFC and supported by the “Conseil regional de Bourgogne-Franche-Comté”