

“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 –14:15	Selective area growth of nanowire networks for photonic functionality Valério Piazza, Laboratory of Semiconductor Materials, EPFL-Lausanne
14:15 –14:45	Plasmonics and spin-orbit interaction of light Thierry Grosjean, Optics Department, FEMTO-ST, UBFC-Besançon
14:45 –15:45	Poster Session & Coffee
15:45 –16:15	Coherent frequency conversion using molecular oscillators in plasmonic nanocavities Christophe Galland, Laboratory of Quantum and Nano Optics, EPFL-Lausanne
16:15 –16:45	Nonlinear transfer functions in Nanophotonics: A route towards new ultrafast lasers and artificial intelligence Benoit Cluzel, Photonics Department, ICB, UBFC-Dijon
16:45	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”