



First NOCTURNO Workshop

July 6th 2018

Lausanne, Switzerland

EPFL campus, BM building, room BM 5202

Time	Speaker	Title
8:30-9:20	Dr. Andreas Tittl	Mid-IR Metasurfaces for Molecular Sensing: from Plasmonic to Dielectric Resonators
9:20-10:10	Prof. Franco Marabelli	Metasurface Based Biosensors - from Idea to Market: an Example
10:10-10:30	Coffee break	
10:30-11:20	Prof. Hatice Altug	Nanoplasmonic Biosensor and Nanofabrication Methods
11:20-12:10	Dr. Karim Achouri	Synthesis and Applications of Electromagnetic Metasurfaces in the Linear and Nonlinear regimes
12:10-13:10	Lunch break	
13:10-13:30	Dr. Nikolina Jankovic	Project NOCTURNO – Progress and Recent Results
13:30-14:20	Dr. Norbert Cselyuszka	Electromagnetic and Acoustic Sensors Based on SPP-Like Wave Propagation for Monitoring of Binary Gas/Liquid Mixtures
14:20-14:40	Coffee break	
14:30-15:30	Prof. Romain Fleury	Spoof Electromagnetic and Acoustic Plasmons: Wave Transport at the Sub-wavelength Scale
15:30-16:20	Prof. Dragomir Neshev	Tunable Optical Metasurfaces - Applications to Sensing
16:20-16:50	Coffee break	
16:50-17:40	Prof. Andrea Alu	Parity-Time Symmetry and Embedded Eigenstates Using Metamaterials
17:40-18:30	Dr. Jensen Li	Willis Medium and Unidirectional Zero Reflection

