

Workshop on High-Q Nanophotonics structures for biosensing PRELIMINARY PROGRAM

Central European Time (CET)	Time Moscow (GMT +3)	22 November 2021, Monday	23 November 2021, Tuesday
08:30 09:00	10:30 11:00	Opening Ceremony Andrey Bogdanov Introductory talk	Yuri Kivshar High-Q metaphotonics
09:00 09:30	11:00 11:30	Hatice Altug Nanophotonic biosensors overview	Yali Sun Printed nanochain-based colorimetric assay for quantitative virus detection
09:30 10:00	11:30 12:00	Yasaman Jahani All-dielectric metasurfaces enabling imaging-based real-time biosensing	Silvia Romano Dielectric sensing platform for biology and health
10:00 10:30	12:00 12:30	Break	Break
10:30 11:00	12:30 13:00	Andreas Tittl Spectrally selective metasurfaces for molecular biospectroscopy and enhanced sensing	Vittorianna Tasco Chiral nanostructures
11:00 11:30	13:00 13:30	Juan Wang All-dielectric crescent metasurface sensor driven by bound states in the continuum	Pavel Melentiev Single-Molecules-Counting technique for ultrasensitive optical detection in biology and medicine
11:30 12:30	13:30 14:30	Lunch Break	Lunch Break
12:30 13:00	14:30 15:00	Anton Bukatin Microfluidics for biosensing applications	Mikhail Zyuzin Nanothermometry inside living cells
13:00 13:30	15:00 15:30	Dmitry Maksimov Enhance bulk sensitivity with bound states in the continuum in dielectric gratings	Closing Ceremony
13:30 14:30	15:30 16:30	Break and discussion	