School on Biophotonics

ITMO faculty of PHYSICS RSF Russian Science Foundation

program

GMT+3	11 November, Monday	GMT+3	12 November, Tuesday	GMT+3	13 November, Wednesday
9:00 9:30	***Registration***				
9:30 10:00	***School Opening Ceremony***				
10:00 11:00	online Valery Tuchin ***Optical clearing as a tool for improvement of tissue diagnostic/therapeutic windows***	10:00 11:00	online Meng Su ***Nano Green Printing of Smart Sensing Devices for Biological Diagnostic***	10:00 11:00	Gleb Sukhorukov ***Anchor functional colloids in biological cells: tool for intracellular exploration, in vivo delivery and tracing individual cells***
11:00 11:40	Tatiana Pallaeva ***Encapsulation technology for hydrophobic drug delivery***	11:00 11:40	online Li Fenfyi ***Motion monitoring and analysis***	11:00 11:40	Elina Genina ***Plasmonic Photothermal Therapy: Challenges and New Approaches***
11:40 12:00	Coffee break	11:40 12:00	Coffee break	11:40 12:00	Coffee break
12:00 12:40	Kirill Zaytsev ***Terahertz biophotonics***	12:00 12:40	Yali Sun ***Chiral sensing***	12:00 12:40	Dmitry Kostyushev ***Biocamouflage for the delivery of inorganic nanoparticles***
12:40 13:20	online Pavel Ginzburg ***Optically-responsive theranostic vaterite***	12:40 13:20	Kirill Bogdanov ***Morphological features and potential applications of active whispering gallery mode microresonators***	12:40 13:20	Abakumov Maxim ***Magnetic nanoparticles in biomedicine: from synthesis to application***
13:20 14:30	Lunch	13:20 14:30	Lunch	13:20 14:30	Lunch
14:30 15:10	Yulia Svenskaya ***Intra- and transdermal drug delivery via hair follicles***	14:30 15:10	Ivan Mukhin ***Solid-state nanopores decorated with optical nanoantennas for studying the activity of single biomolecules***	14:30 15:10	Alessandro Parodi ***The importance of functional fluorogens in nanomedicine and ecotoxicology: focus on aggregate-induced emission luminogens***
15:10 15:50	Andrei S. Nikolaev ***Intellectual property in the field of biotechnology: how to find, save and use***	15:10 15:50	Kirill Tomyshev ***Fiber optic sensors and biosensors based on evanescent optical field***	15:10 15:50	***Closing ceremony — Awarding***
16:00 18:00	***Lab tour***	16:00 17:00	***Poster session***		