

School on Advanced Light-Emitting and Optical Materials

29-30 June, 2020

Monday, June 29

Moscow EET (GMT +3)			TIME ZONES				
			Dallas, TX, US (GMT -5)	Western European Time (GMT+1)	Central European Time (GMT +2)	India (GMT +5.30)	China Singapore (GMT +8)
09:45-10:00	Opening ceremony		01:45-2:00	07:45-08:00	08:45-09:00	12:15-12:30	14:45-15:00
Session: Advanced Nanomaterials							
10:00-10:50	HILMI VOLKAN DEMIR Semiconductor Nanocrystal Optoelectronics: from Colloidal Dots to Wells	Plenary	02:00-02:50	08:00-08:50	09:00-09:50	12:30-13:20	15:00-15:50
10:50-11:40	ANDREY ROGACH Perovskite Nanocrystals in Light-Emitting Devices	Plenary	02:50-03:40	08:50-09:40	09:50-10:40	13:20-14:10	15:50-16:40
11:40-12:00	SERGEY MAKAROV Perovskite nano- and microlasers	Oral	03:40-04:00	09:40-10:00	10:40-11:00	14:10-14:30	16:40-17:00
12:00-12:10	Coffee-break		10 minutes				
Session: Nanophotonics							
12:10-13:00	BORIS CHICHKOV Laser printing of resonant nanoparticles	Plenary	04:10-05:00	10:10-11:00	11:10-12:00	14:40-15:30	17:10-18:00

13:00-13:20	ALEXANDER KUCHMIZHAK Novel plasmonic biosensing designs enabled by direct femtosecond laser printing	Invited	05:00-05:20	11:00-11:20	12:00-12:20	15:30-15:50	18:00-18:20
13:20-13:40	ALEXANDER MUSORIN Magnetophotonics of nanostructures	Invited	05:20-05:40	11:20-11:40	12:20-12:40	15:50-16:10	18:20-18:40
13:40-14:30	Lunch		50 minutes				
Session: Devices and Applications							
14:30-15:20	BERNARD GIL Auger effect in nitride leds emitting from the blue to the red	Plenary	06:30-07:20	12:30-13:20	13:30-14:20	17:00-17:50	19:30-20:20
15:20-16:10	ANVAR ZAKHIDOV Bright Color Tunable Single Layer Perovskite Light Emitting Electrochemical Devices Enabled by External Ions	Plenary	07:20-08:10	13:20-14:10	14:20-15:10	17:50-18:40	20:20-21:10
16:10-17:20	Coffee-break and Poster session		08:10-09:20	14:10-15:20	15:10-16:20	18:40-19:50	21:10-22:20

Tuesday, June 30

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Session: Nanophotonics							
10:00-10:50	ANDREY FEDYANIN Nonlinear all-dielectric nanophotonics	Plenary	02:00-02:50	08:00-08:50	09:00-09:50	12:30-13:20	15:00-15:50
10:50-11:40	ALDO DI CARLO Halide perovskite photovoltaics	Plenary	02:50-03:40	08:50-09:40	09:50-10:40	13:20-14:10	15:50-16:40
11:40-11:50	Coffee-break		10 minutes				
11:50-12:40	BORIS LUK'YANCHUK High order Fano-resonances and extreme effects in field localization	Plenary	03:50-04:40	09:50-10:40	10:50-11:40	14:20-15:10	16:50-17:40
12:40-13:30	ANDREI LAVRINENKO From hyperbolic to ENZ materials	Plenary	04:40-05:30	10:40-11:30	11:40-12:30	15:10-16:00	17:40-18:30
13:30-14:30	Lunch		60 minutes				
Session: Nanophotonics							
14:30-15:20	DARIA SMIRNOVA Active topological nanostructures	Plenary	06:30-07:20	12:30-13:20	13:30-14:20	17:00-17:50	19:30-20:20
15:20-16:00	ALEXEY BOBROVSKY Photocontrollable liquid crystalline composites for photonics	Plenary	07:20-08:00	13:20-14:00	14:20-15:00	17:50-18:30	20:20-21:00

16:00-16:10	Coffee-break		10 minutes				
Session: Devices and Applications							
16:10-17:00	NIKOLAI GAPONIK Encapsulation of light emitting nanocrystals in robust matrices	Plenary	08:10-09:00	14:10-15:00	15:10-16:00	18:40-19:30	21:10-22:00
17:00-17:30	DANIELE BARRETIN Modeling of Quantum-dot and Quantum- wires Heterostructures: State of the Art	Invited	09:00-09:30	15:00-15:30	16:00-16:30	19:30-20:00	22:00-22:30
17:30-17:50	MONICA LORENZON Highly Efficient, Long-Range Exciton Diffusion in Two-Dimensional Assemblies of Cesium Lead Bromide Perovskite Nanocrystals	Oral	09:30-09:50	15:30-15:50	16:30-16:50	20:00-20:20	22:30-22:50
17:50-19:00	Coffee-break and Poster session		09:50-11:00	15:50-17:00	16:50-18:00	20:20-21:30	22:50-00:00
19:00	Closing ceremony and Best Poster Award		11:00	17:00	18:00	21:30	00:00

POSTER SESSION

Monday, June 29

16.10 - 17.20 (GMT +3)

#	Full name	Poster title	Short Zoom link
1	IGOR KINYAEVSKIY	Peculiarities of supercontinuum generation in BaWO ₄ crystal pumped by 515-nm sub-picosecond laser pulses	https://phy.itmo.ru/kinyaevskiy
2	EKATERINA TIGUNTSEVA	Resonant effects in light-emitting hybrid perovskite nanoparticles	https://phy.itmo.ru/tiguntseva
3	ALEKSANDRA FURASOVA	Perovskite solar cells with integrated resonant nanostructures	https://phy.itmo.ru/furasova
4	ALEXEY KUZNETSOV	Investigation of the optical properties of a metasurface consisting of silicon nanocylinders in a hybrid anapole state	https://phy.itmo.ru/kuznetsov
5	DMITRY OBYDENNOV	Mie Resonances, Luminescence, and Raman Scattering in Subwavelength Diamond Particles	https://phy.itmo.ru/obydenov
6	LYUDMILA BASALAEVA	Light scattering by silicon nanopillars arrays	https://phy.itmo.ru/basalaeva
7	DARÍO GALLACH PÉREZ	Porous Silicon-Zinc Oxide White Electroluminescent Nanocomposites Based on Fowler-Nordheim Tunneling	https://phy.itmo.ru/perez
8	VALERII KOZIN	Tunable optical nonlinearity for TMD polaritons dressed by a Fermi sea	https://phy.itmo.ru/kozin
9	GEORGIY SHAKHGILDYAN	Direct laser writing of optical waveguides in zinc phosphate glass containing silver	https://phy.itmo.ru/shakhgildyan
10	MAXIM KIRYANOV	Ultrafast Modulation of Transversal Magneto-Optical Kerr Effect in 1D Magnetoplasmonic Crystals	https://phy.itmo.ru/kiryanov

Tuesday, June 30
17.50 - 19.00 (GMT +3)

#	Full name	Poster title	Short Zoom link
1	MUKESH PANDEY	Uniaxial Strain Effects In Electrostatically Deposited Graphene- MoS ₂ Heterostructure	https://phy.itmo.ru/pandey
2	ANNA VASILEVA	Laser-induced Deposition of Silver NPs for Optical Application	https://phy.itmo.ru/vasileva
3	VIACHESLAV IUSHKOV	All-optical image tracking based on silicon metasurface	https://phy.itmo.ru/iushkov
4	STANISLAV KOLODNY	Q/V enhancement in GaAs/AlGaAs micropillar resonator in bound states in the continuum regime	https://phy.itmo.ru/kolodny
5	DMITRY ZHIRIHIN	Demonstration of higher-order topological states in photonics kagome lattice	https://phy.itmo.ru/zhirihin
6	DMITRII KAZANOV	Strong exciton-photon coupling in van der Waals MoS ₂ nanotubes	https://phy.itmo.ru/kazanov
7	NURJAHAN KHATUN	Tuning of Photonic Band Gap via Combined effect of Electric and Optical fields in a Blue Phase Liquid Crystal composite	https://phy.itmo.ru/khatun
8	OLEH YERMAKOV	Giant enhancement of light coupling into fiber modes by using subwavelength dielectric nanostructure	https://phy.itmo.ru/yermakov
9	AMIT BHARDWAJ	Active tuning of Fano Resonance in a Liquid Crystal based Colloidal Metamaterial	https://phy.itmo.ru/bhardwaj
10	PAVEL TROFIMOV	Surface Waves Demultiplexing with Reconfigurable Hybrid Nanoantenna based on Phase-Change Materials	https://phy.itmo.ru/trofimov