9th International Fall School on Organic Electronics IFSOE-2023

ISPM RAS, Moscow, Profsoyuznaya Str., 70

Preliminary program

SUNDAY, 15 October 2023		MONDAY, 16 October 2023		TUESDAY, 17 October 2023		WEDNESDAY, 18 October 2023			THURSDAY, 19 October 2023					
SESSION START END		SESSION START END CONFERENCE OPENING		SESSION START END		SESSION START END		SESSION START END						
			Welcome and opening remarks from the conference co-chairs, Sergey Ponomarenko, Dmitry Parashchuk	9:30	10:00									
			SESSION 1	10:00	12:00	SESSION 1	10:00	12:00	SESSION 1	10:00	12:00	SESSION 1	10:00	12:00
REGISTRATION	11:00		TUTORIAL Porphirins and their derivatives in modern organic electronics , Yulia Gorbunova, Moscow State University, Russia	10:00	10:45	TUTORIAL Exploring potential of organic and perovskite solar cells for space applications , Pavel Troshin, FRC PCP MC RAS, Chernogolovka, Russia	10:00	10:45	TUTORIAL Organic bioelectronics: materials and applications , Sahika Inal, KAUST, Saudi Arabia	10:00	10:45	TUTORIAL Charge carriers in amorphous organic semiconductors: transport, injection and recombination in the correlated energy landscape, Sergey Novikov, Frumkin Institute of Electrochemistry, Russia	10:00	10:45
			INVITED Design of azaheterocyclic push- pull systems as sensors for nitroaromatic compounds and other applied materials , Egor Verbitskiy, Postovsky Institute of Organic Synthesis of Ural Branch of RAS	10:45	11:15	INVITED Recent advances in perovskite solar cells and supercapacitors, Carlos Frederico de Oliveira Graeff, Sao Paulo State University, Brazil	10:45	11:15	INVITED Differential diagnosis of various diseases by the exhaled air composition using an "electronic nose", Elena Agina, ISPM RAS, Russia	10:45	11:15	INVITED Analytical modeling of charge carrier transport in disordered organic materials , Vladimir Nikitenko, MePhl, Russia	10:45	11:15
			Unusual properties of organic luminophores based on 2,1,3- benzothiadiazole	11:15	11:45	INVITED Material Innovation and Optical Engineering towards Highly Efficient Perovskite/Organic Tandem Solar Cell s, Qifan Xue, South China University of Technology, Guangzhou, China	11:15	11:45	Interfaces between submicron polydiphenylenephthalide films – new possibilities for sensor applications , Danfis Karamov, IMSP, Ufa, Russia Electronic nose based on OFETS	11:15	11:30	INVITED Probing of dynamic disorder in organic semiconductors and compaction of biomolecules using low-frequency Raman spectroscopy, Andrey Sosorev, ISPM RAS, Russia	11:15	11:45
			Oleg Borshchev, ISPM RAS, Russia						from BTBT-based siloxane dimers with different terminal alkyl substituents chain length , Askold Trul , ISPM RAS, Russia	11:30	11:45			
			Nucleophilic C-H functionalization in the synthesis of luminophores, ligands, and chemosensors , Timofey Moseev, Ural Federal University, Russia	11:45	12:00	VO-EtioP-III as donor layer in organic photovoltaic cells , Georgy Pakhomov, RAS Institute for Physics of Microstructures, Nizhniy Novgorod, Russia	11:45	12:00	Ferroelectric polymers based on vinylidene fluoride for bioelectronics applications , Evgeniya Buryanskaya, MISIS University	11:45	12:00	Quantum-chemical simulation of multi-resonance thermally activated delayed fluorescence materials based on B,N- heteroarenes using graph neural networks , Darya Tarakanovskaya , Novosibirsk State University , Russia	11:45	12:00
			COFFEE BREAK SESSION 2	12:00 12:30	12:30 15:00	COFFEE BREAK SESSION 2	12:00 12:30	12:30 14:00	COFFEE BREAK SESSION 2	12:00 12:30	12:30 14:00	COFFEE BREAK SESSION 2	12:00 12:30	12:30 14:45
			TUTORIAL Synthetic approaches to p- conjugated diradicaloid materials for transistors , Abderrahim Yassar, Ecole Polytechnique, Institut Polytechnique de Paris, France	12:30	13:15	INVITED Advanced interface engineering for up-scaling of perovskite solar modules,	12:30	13:00	TUTORIAL Single molecule reliable detection in point-of-care testing technologies , Luisa Torsi, University of Bary, Italy	12:30	13:15	TUTORIAL Time-resolved spectroscopy of electron-phonon coupling in soft optoelectronic materials , Artem Bakulin, Imperial College London, UK	12:30	13:15
						Danila Saranin, MISIS, Russia New D-π-A compounds based on thieno[3,2-b]indole as electron transport materials for perovskite solar cells, Alexander Steparuk, Postovsky Insititute of Organic Synthesis of the Ural Branch of RAS	13:00	13:15						
			INVITED Additive-assisted crystallization of conjugated organic compounds, Maxim Kazantsev, IOC SB RAS, Russia	13:15	13:45	Towards efficient lanthanide- based OLEDs , Valentina Utochnikova, Lomonosov Moscow State University Analytic modelling of temperature dependence of exciton diffusion coefficient in	13:15	13:30	INVITED Red-ox processes in Polyaniline as a basis for rate-based and spiking neural networks, Dmitry Godovsky, INEOS RAS, Russia	13:15	13:45	INVITED Rational Design of TADF- emitters: from classical to multiple resonance , Evgeny Mostovich, OREL ResearchLab, Novosibirsk State University, Russia	13:15	13:45
			Novel Asymmetric Tetrathienoacene Derivatives for Organic Electronics , Maxim Skorotetskiy, KAUST, Saudi Arabia	13:45	14:00	disordered organics , Anna Saunina, MEPhl, Russia Quantum interference in single molecule conductors for novel electronic applications , Nikolay Shubin, Lebedev Physical Institute of RAS, Russia	13:45	14:00	Quantitative determination of Influenza A Virus by a portable device based on EGOFET- Aptasensors , Elena Poimanova, ISPM RAS, Russia	13:45	14:00	Multiscale Simulation of the Structure and Spectroscopic Properties of B3PYMPM/CBP Exciplexes at an B3PYMPM/CBP Interface in OLEDs , Nikita Dubinets, ISPM RAS, Russia	13:45	14:00
						LUNCH 14:00 SESSION 3 15:00		15:00 17:00	LUNCH SESSION 3	14:00 15:00	15:00 17:00	A simple method of calibration of the BHHLYP exchange-		
BUS TRANSFER FROM ISPM RAS TO EXCURSION	13:00	14:00	Photo- and electroluminescent properties of novel polyfluorene copolymers containing dicyanostilbene and 9,10- dicyanophenathrene in the main chain , Anton Yakimanskiy, Institute of Macromolecular Compounds RAS, Russia	14:00	14:15		15:00	17:00	POSTER SESSION-2	15:00	17:00	correlation functional for precise calculations of fluorescence wavelengths of charge-transfer exciplexes based on calculations of DBMBF2 exciplexes with benzene, alkylbenzenes and pyridine, Alexander Smolyga, MIPT, Russia	14:00	14:15
EXCURSION TO DIAMOND FUND (RUS)	14:40	15:25	Polymeric phthalocyanines synthesized in high boiling solvent, Tatiana Rudneva, Institute of Microelectronics Technology and High Purity Materials RAS, Russia	14:15	14:30							Dependence of the potential barrier at the metal/polymer interface on the metal strain , Azat Galiev,Akmullah Bashkir State Pedagogical University, Russia	14:15	14:30
EXCURSION TO DIAMOND FUND (ENG)	15:00	15:45	The Influence of Copper Ions on the Transport and Relaxation Properties of Hydrated Eumelanin, Pavel Abramov, MIPT, Russia	14:30	14:45							CONFERENCE CLOSING		
			Organic solar cells based on star-shaped and linear donor- acceptor conjugated molecules, Artur Mannanov , ISPM RAS, Russia	14:45	15:00	EVENING LECTURE Printmaking techniques in art and traditional Japanese wood- block printing (mokuhanga), Alexander Litvinov, ISPM RAS,	17:00	17:45	EVENING LECTURE Giving a scientific talk: Hints & Tips , Gagik Ghazaryan, ISPM RAS, Russia	17:00	17:45	REMARKS & FAREWELL PARTY	14:30	16:00
			WELCOME PARTY	15:00	16:30	Russia								