First Russian-German Virtual Conference on Interdisciplinary Natural Sciences

Final Program (December 07, 2020)

Thursday, 10.12.2020

Time	Name of Presenter	Institution	Title of Contribution
9:00 -	Eckart Rühl	FU Berlin	Opening
9:15	Alina Manshina	St. Petersburg State	operg
		University	
9:15-	Alexei Khokhlov	Ulm University	Smart nanocomposites with tunable
9:45			polymer matrix .
9:45-	Matthias Epple	Universität Duisburg-	Synthesis and surface-
10:15		Essen	functionalization of ultrasmall gold
			nanoparticles
10:15-	Coffee Break		
10:30			
10:30-	Evgenia Korzhikova-	Institute of	Self-assembled nanoparticles based
11:00	Vlakh	Macromolecular	on bio-inspired polymers as delivery
		Compounds RAS and	systems for various drugs
		St. Petersburg State	
11.00	Anna Driablein -	University Universität Merhung	Transposintion of position to the second
11:00-	Anna Brichkina	Universität Marburg	Transcription of pericentromeric
11:30	Alexei Smirnov	Ct Determine Ctate	satellite DNA in lung cancer
11:30-	Alexei Smirnov	St. Petersburg State	Plasmon resonance-assisted
11:45		University	nanolabels for use in the near
			infrared region of transparency of
11:45-	Natalia A. Danilkina	St. Petersburg State	biological tissues Heterocycloalkynes annulated with a
12:00	INALAIIA A. Dariikiria	University	heterocyclic core as new reagents
12.00		Offiversity	for bioconjugation
12:00-	Alexander Novikov	St. Petersburg State	Computer modeling of non-covalent
12:15	/ wexames i vevinev	University	interactions in chemical systems
12.10		- Chirt Stoney	promising for materials science,
			catalysis and medicine
12:15-	Irina Shtangeeva	St. Petersburg State	About significance and phytotoxicity
12:30		University	of poorly studied trace elements
12:30-	Mariia M. Efremova	St. Petersburg State	Synthesis and fluorescent properties
12:45		University	of 5-aryl-4-ehtynyl-1H-1,2,3-triazoles
12:45-	Lunch Break		
14:00			
14:00-	Roman A. Surmenev	Tomsk Polytechnic	Different approaches for new
14:30		University	materials development with tailored
			properties for biometical applications
14:30-	Aleksei Murzin	St. Petersburg State	Amplified spontaneous emission and
14:45		University	random lasing in MAPbBr ₃ Halide
44.4=		<u> </u>	perovskite single crystals
14:45-	Lada Yashina	Moscow State	Photoemission studies of topological
15:15	0 " 0 1	University	insulators
15:15-	Coffee Break		
15:30	Destar Consists		
15:30-	Poster Session		
17:00			

Friday, December 11, 2020

	December 11, 2020	1 (4 ()	T''
Time	Name of Presenter	Institution	Title of Contribution
9:00 –	Alexander L. Skubachevskii	RUDN University	Stationary solutions of Vlasov-
9:30			Poisson system and plasma
			confinement in magnetic traps
9:30-	Vladimir Shabaev	St. Petersburg	What is vacuum decay in a super-
10:00		State University	critical field and how to observe it
10:00-	Uwe Iben	Robert Bosch	Taylor maps for dynamical systems -
10:30		GmbH	learning from data
10:30-	Coffee Break		
10:45			
10:45-	Viktor Sivkov	Komi Scientific	NEXAFS and XPS studies of the
11:15		Center, Syktyvkar	carbonized bath sponge scaffold and
1		, , ,	nanostructured 3D copper-carbon
			catalyst
11:15-	Anna Vasileva	St. Petersburg	Metal and metal-carbon NPs
11:30		State University	contained by laser-induced
		,	deposition on polyaniline converings
11:30-	Svetlana Ershova	St. Petersburg	Conformational and optical molecular
11:45		State University	properties of poly (hexyl
			methacrylate) and poly (stearyl
			methacrylate)
11:45-	Sofya A. Efimova	ITMO University	Creating a nanocomposite based on
12:00	Colya 7 t. Elimova	Trivio ornivoroity	encapsullated growth factor in ZIF-8
12.00			and titanium nanotubes
12:00-	Andrey V. Bukhtiyarov	Boresov Institute,	CO oxidation on the bimetallic Pd-
12:30	Andrey V. Bakiniyarov	Novosibirsk	Au/HOPG catalysts: NAP XPS and
12.00		NOVOSIDIISK	MS study
12:30-	Maksim A. Panafidin	Boresov Institute,	Model bimetallic Pd-Ag/HOPG and
12:45	Waksiiii A. i alialidiii	Novosibirsk	Pd-Cu/HOPG catalysts: CO and
12.43		NOVOSIDIISK	methanol oxidations
12:45-	Ovanes Petrosian	St. Petersburg	Inverse Optimal Control with
13:00	Ovaries i eliosiari	State University	Continuous Updating for Steering
13.00		Otate Offiversity	Behavior Model
13:00-	Lunch Break		Dellavior Woder
14:00	Lunch bleak		
14:00-	Alexander Straumal	Institute for Solid	Influence of different grain boundary
14:00-	Alexander Straumar	State Physics,	wetting states on the formation of
14.13		RAS,	microstructure after high pressure
		Chernogolovka	torsion in Mg-cast alloy EZ33A
		Chemogolovka	torsion in Mg-cast alloy L233A
14:15-	Ivan Alekseev	Otto-Schmidt-	Environmental pollutants in various
14:30	IVAII AICKSCEV	Laboratory, St.	Antarctic regions: variability across
14.50		Petersburg	landscapes and behavior
14:30-	Olga Shuvalova	RUDN, Moscow	Typology of the countries of Central
14:30-	Olga Olluvalova	I TODIN, IVIOSCOV	and Eastern Europe including the
17.70			CIS: features of the use of alternative
			energy
14:45-	Mariia Bilogub	Universität	Effects of Microplastics on Different
15:00	Walla bilogub	Potsdam	Root Traits of Dry Grassland Species
15:00-	Eva-Maria Peiffer	Universität	Russian-German Higher Education
15:00-	Lva-ivialia Felliel	Hamburg	Projects on Permafrost Science:
10.10		Hallibuly	
			Master programmes between
			Universities Saint Petersburg and
15:15-	Eckart Rühl	FU Berlin	Hamburg Summary and Canalysians
15:15-	Alina Manshina		Summary and Conclusions
15.30	Alli la Iviai ISI III la	St. Petersburg	
	1	State University	