

# Schedule of SFM-25/CRW-25/BRICS-25

September 29, Monday		
Saratov time UTC+4		
11.00-14.00	REGISTRATION OF THE PARTICIPANTS OF SFM-25/CRW-25/BRICS-25/ OPTICAL CHEMO- AND BIOSENSORS	Building 3, 1 <sup>st</sup> floor
13.30-14.00	Coffee break	Building 3, 1 <sup>st</sup> floor
14.00-18.00	INVITED LECTURE/ ORAL SESSION OPTICAL CHEMO- AND BIOSENSORS I Chairs: Irina Yu. Goryacheva, Tatiana Yu. Rusanova, Saratov State Univ., Russia	Building 1, Main Conf Hall
September 30, Tuesday		
09.00-13.00	INVITED LECTURE/ ORAL SESSION OPTICAL CHEMO- AND BIOSENSORS II Chairs: Irina Yu. Goryacheva, Tatiana Yu. Rusanova, Saratov State Univ., Russia	Building 1, Main Conf Hall
9.30-13.00	REGISTRATION OF THE PARTICIPANTS OF SFM-25/CRW-25/BRICS-25/ OPTICAL CHEMO- AND BIOSENSORS	Building 3, 1 <sup>st</sup> floor
9.30-9.40	WORDS OF WELCOME TO THE PARTICIPANTS OF CRW-25 Valery V. Tuchin, Saratov State Univ., Russia; Dan Zhu, Huazhong Univ. of Science and Technology, China	Online
9.40-12.40	ON-LINE CHINESE-RUSSIAN INVITED LECTURE SESSION I Chairs: Valery V. Tuchin, Saratov State Univ., Russia; Dan Zhu, Huazhong Univ. of Science and Technology, China	Building 3, Room 8 Online
13.50-18.30	PLENARY SESSION I Chairs: Valery V. Tuchin, Saratov State Univ.; Alexander V. Priezzhev, Lomonosov Moscow State Univ., Russia; Dan Zhu, Huazhong Univ. of Science and Technology, China	Building 8, Conf. Hall 420
13.50-14.00	WORDS OF WELCOME TO THE PARTICIPANTS OF SFM-25 / CRW-25/BRICS-25 Valery V. Tuchin, Saratov State Univ.	
14.00-14.40	TISSUE OPTICAL CLEARING FOR IMAGING BRAIN Dan Zhu, Huazhong University of Science and Technology, China	

14.40-15.20	<b>IN VIVO OPTICAL MICROSCOPY AND ITS BIOMEDICAL APPLICATIONS</b> <b>Ling Fu</b> , Hainan University, China		
15.20-16.00	<b>LOOKING BACK AT 35 YEARS OF SINGLE-MOLECULE OPTICS</b> <b>Michel Orrit</b> , Leiden University, Netherlands		
16.00-16.30	Coffee break		Building 8, 4th floor
16.30-17.10	<b>A NEW PARADIGM IN QUANTUM BIOPHOTONICS: PRESERVING ORBITAL ANGULAR MOMENTUM IN SCATTERING TISSUES</b> <b>Igor V. Meglinski</b> , Aston University, UK		Building 8, Conf. Hall 420
17.10-17.50	<b>SEEING LIFE IN A NEW LIGHT: FROM SIMPLE CLASSICAL PHYSICS TO QUANTUM-ENHANCED IMAGING</b> , Vladislav V. Yakovlev, TAMU, USA	<b>9.10-9.50</b> Texas time	
17.50-18.30	<b>PHOTOACOUSTIC, LIGHT-SPEED, AND QUANTUM IMAGING</b> <b>Lihong V. Wang</b> , Caltech, USA	<b>6.50-7.30</b> California time	
18.30-18.50	<b>SPONSOR SESSION I</b>		
18.30-18.50	<b>MODERN INSTRUMENTS AND METHODS FOR NON-DESTRUCTIVE SURFACE INSPECTION AND LOCAL CHEMICAL ANALYSIS USING SCANNING PROB MICROSCOPY AND OPTICAL SPECTROSCOPY</b> <b>Leonid R. Yusupov</b> , LLC "ACTIVE PHOTONICS", Moscow, Zelenograd, Russia		
19.00-22.00	Welcome Party		Building 11
October 1, Wednesday			
10.00-12.00	<b>SFM PLENARY SESSION II</b> <b>Chairs: Valery V. Tuchin</b> , Saratov State Univ.; <b>Igor V. Meglinski</b> , Aston University, UK		Building 8, Hall 420
10.00-10.40	<b>LUMINESCENCE LIFETIME IMAGING: FROM FUNDAMENTALS TO APPLICATIONS AND CLINICAL RELEVANCE</b> <b>Vladislav Shcheslavskiy</b> , Institute of Experimental Oncology and Biomedical Technologies, Privolzhsky Research Medical University, Nizhny Novgorod, Russia, Becker&Hickl GmbH, Berlin, Germany		
10.40-11.20	<b>PHOTOTHERMAL SPECTROSCOPY IN ANALYTICAL AND APPLIED CHEMISTRY</b> <b>Mikhail A. Proskurnin</b> , Lomonosov Moscow State University, Russia		
11.20-12.00	<b>PHOTONICS WORKS TOGETHER WITH NANO- AND MICROSTRUCTURED MATERIALS FOR BIOMEDICAL APPLICATIONS</b> <b>Dmitry A. Gorin</b> , Skolkovo Institute of Science and Technology, Skoltech, Moscow, Russia		

12.00-13.00	SPONSOR SESSION II			
12.00-12.20	EXPANDING THE POSSIBILITIES OF CONFOCAL MICROSCOPY: CRESTOPTICS EXPERIENCE" Igor I. Kireev, A.N. Belozersky Research Institute of Physicochemical Biology and LLC "BioVitrum", Moscow, St. Petersburg, Russia			
12.20-12.40	LASER SYSTEMS AND ANALYTICAL EQUIPMENT FOR SCIENTIFIC RESEARCH Eugene Belousov, “SOLAR LS” ZAO, Minsk, Belarus			
13.00-14.00	LUNCH			
14.00-19.00	INVITED LECTURE/ORAL SESSION NANOBIOPHOTONICS I Chair: Nikolai G. Khlebtsov, IBPPM RAS, Saratov State Univ., Russia	Building 9, Conf. Hall	INVITED LECTURE/ ORAL SESSION MACHINE LEARNING I Chairs: Igor K. Lednev, Univ. at Albany, USA, Yury V.Kistenev, Tomsk State Univ., Russian Federation	Online
10.00-16.00	ON-LINE / ORAL SESSION LOW-DIMENSIONAL STRUCTURES I Chair: Olga Glukhova, Saratov State Univ., Russia	Building 8, Room 318	INVITED LECTURE/ORAL SESSION ROUND TABLE OF HIGH TECHNOLOGIES COMMERCIALIZATION Chairs: Daniil Bratashov, Andrey Rytik, Saratov State Univ., Russia	Building 6, Room 204
10.00-18.00	ON-LINE INVITED LECTURE/ORAL SESSION ENDOGENOUS BIOPHOTONICS Chairs: Ilya V. Volodyaev, Moscow State Univ., European Medical Center, Elena V. Naumova, Rzhanov Inst. of Semiconductor Physics, Siberian Branch of Russian Academy of Sciences, Russia		ON-LINE INVITED LECTURE/ORAL SESSION QUANTUM SCIENCE AND TECHNOLOGIES Chairs: Aleksey K. Fedorov, and Evgeniy O. Kiktenko, Russian Quantum Center, Russia; National University of Science and Technology “MISIS” (Russia)	Online
14.00-16.00	INVITED LECTURE/ORAL/ON-LINE SESSION BIOPHYSICS I / INTERNET BIOPHOTONICS I / CHINESE- RUSSIAN WORKSHOP SESSIONS II/ BRICS WORKSHOP I Chair: Igor Fufurin, Bauman Moscow State Technical Univ., Russia			Building 8, Hall 420
14.00-19.00	ROUND-TABLE DISCUSSION EDUCATION Chair: Boris A. Medvedev, Saratov State Univ., Russia			Scientific Library Conf. Hall
14.00-19.30	INVITED LECTURE/ORAL/ON-LINE SESSION LASER PHYSICS AND PHOTONICS Chair: Vladimir L. Derbov, Saratov State Univ., Russia	Building 10, Hall 503	INVITED LECTURE/ ORAL SESSION MACHINE LEARNING II Chairs: Igor K. Lednev, Univ. at Albany, USA, Yury V.Kistenev, Tomsk State Univ., Russian Federation	Online

14.00-15.30	<b>POSTER SESSION OPTICAL CHEMO- AND BIOSENSORS</b> <b>Chairs:</b> Irina Yu. Goryacheva, Tatiana Yu. Rusanova, Saratov State Univ., Russia	<i>Building 1, Main Conf Hall</i>
15.30-18.00	<b>INVITED LECTURE/ORAL ON-LINE SESSION OPTICAL CHEMO- AND BIOSENSORS III</b> <b>Chairs:</b> Irina Yu. Goryacheva, Tatiana Yu. Rusanova, Saratov State Univ., Russia	<i>Building 1, Main Conf Hall</i>
16.00-16.30	<b>Coffee break</b>	<i>Building 8, 4th floor</i>
16.30-19.00	<b>INVITED LECTURE/ORAL/ON-LINE SESSION BIOPHYSICS II / INTERNET BIOPHOTONICS II/BRICS WORKSHOP II</b> <b>Chair:</b> Elina Genina, Saratov State Univ., Russia	<i>Building 8, Hall 420</i>
18.00-19.00	<b>ON-LINE ROUND TABLE DICUSSION ENDOGENOUS BIOPHOTONICS</b> <b>Chairs:</b> Ilya V. Volodyaev, Moscow State Univ., European Medical Center, Elena V. Naumova, Rzhanov Inst. of SemiconductorPhysics, Siberian Branch of Russian Academy of Sciences, Russia	<i>Online</i>
15.00-18.30	<b>ON-LINE INVITED LECTURE /ORAL SESSION SPECTROSCOPY AND MOLECULAR MODELING I</b> <b>Chair:</b> Lev M. Babkov, Saratov State Univ., Russia	<i>Building 3, Room 34</i>
19.00-19.30	<b>Coffee break</b>	<i>Building 8, 4th floor</i>
20.30-23.00	<b>Evening boat trip - the lights of Saratov</b>	
<b>October 2, Thursday</b>		
10.00-13.00	<b>INVITED LECTURE/ ORAL SESSIONS BIOPHYSICS III/ CHINESE-RUSSIAN WORKSHOP III/ BRICS WORKSHOP III</b> <b>Chairs:</b> Valery V. Tuchin, Polina A. Timoshina , Saratov State Univ., Russia	<i>Building 8, Hall 420</i>
9.00-20.00	<b>INVITED LECTURE/ ORAL SESSION OPTICAL CHEMO- AND BIOSENSORS IV</b> <b>Chairs:</b> Irina Yu. Goryacheva, Tatiana Yu. Rusanova, Saratov State Univ., Russia	<i>Building 1, Bottom audience/ Rooms 13, 21,29,40,43</i>

12.00-17.30	<b>INVITED LECTURE/ORAL SESSION NANOBIPHOTONICS II</b> <b>Chair: Nikolai G. Khlebtsov</b> , IBPPM RAS, Saratov State Univ., Russia			<i>Building 9, Conf. Hall</i>
12.00-14.30	<b>ROUND TABLE DISCUSSION ENGLISH</b> <b>Chairs: Svetlana V. Eremina, Alexander B. Pravdin</b> , Saratov State Univ., Russia			<i>Building 18 Room 110</i>
10.00-18.00	<b>ON-LINE INVITED LECTURE/ORAL SESSION QUANTUM SCIENCE AND TECHNOLOGIES</b> <b>Chairs: Aleksey K. Fedorov, and Evgeniy O. Kiktenko</b> , Russian Quantum Center, Russia; National University of Science and Technology "MISIS" (Russia)			<i>Online</i>
11.30-12.00	<b>Coffee break</b>			<i>Building 8, 4th floor</i>
11.30-17.30	<b>ON-LINE / ORAL SESSION LOW-DIMENSIONAL STRUCTURES / ORAL SESSION ELECTROMAGNETICS</b> <b>Chair: Olga Glukhova</b> , Saratov State Univ., Russia / <b>Michael V. Davidovich</b> , Saratov State University, Russia			<i>Building 8, Room 318</i>
10.00-15.00	<b>INVITED LECTURE/ORAL SESSIONS TERAHERTZ OPTICS &amp; BIOPHOTONICS/ ADVANCED MATERIALS</b> <b>Chairs: Kirill I. Zaytsev, Arsenii A. Gavdush, Nikita V. Chernomyrdin</b> , Prokhorov General Physics Institute of RAS, Bauman Moscow State Technical Univ., Russia			<i>Online</i>
12.00-13.30	<b>ON-LINE INVITED LECTURE/ORAL SESSION ENDOGENOUS BIOPHOTONICS</b> <b>Chairs: Ilya V. Volodyaev</b> , Moscow State Univ., European Medical Center, <b>Elena V. Naumova</b> , Rzhzanov Inst. of Semiconductor Physics, Siberian Branch of Russian Academy of Sciences, Russia			<i>Online</i>
13.00-14.00	<b>LUNCH</b>			
14.00-14.45	<b>PUBLIC LECTURE SESSION MODERN OPTICS</b> <b>Chair: Georgy V. Simonenko</b> , Saratov State Univ.			<i>Building 3, Big Physical Hall</i>
14.00-19.00	<b>ROUND-TABLE DISCUSSION EDUCATION</b> <b>Chair: Boris A. Medvedev</b> , Saratov State Univ., Russia			<i>Scientific Library Conf. Hall</i>
15.00-18.00	<b>ON-LINE INVITED LECTURE /ORAL SESSION SPECTROSCOPY AND MOLECULAR MODELING I</b> <b>Chair: Lev M. Babkov</b> , Saratov State Univ., Russia	<i>Building 3, Room 34</i>	<b>INVITED LECTURE/ ORAL SESSIONS BIOPHYSICS IV/ CHINESE-RUSSIAN WORKSHOP SESSIONS IV</b> <b>Chairs: Valery V. Tuchin, Polina A. Timoshina</b> , Saratov State Univ., Russia	<i>Building 8, Conf. Hall 420</i>

15.00-18.00	<b>INVITED LECTURE/ORAL SESSIONS</b> <b>TERAHERTZ OPTICS &amp; BIOPHOTONICS/ ADVANCED MATERIALS</b> <b>Chairs: Kirill I. Zaytsev, Arsenii A. Gavdush, Nikita V. Chernomyrdin,</b> Prokhorov General Physics Institute of RAS, Bauman Moscow State Technical Univ., Russia	Online
14.00-16.00	<b>ORAL SESSION NONLINEAR DYNAMICS</b> <b>Chairs: Galina I. Strelkova, Andrei V. Slepnev,</b> Saratov State Univ., Russia	Building 3, Room 38
12.00-13.30	<b>ON-LINE INVITED LECTURE/ORAL SESSION ENDOGENOUS BIOPHOTONICS</b> <b>Chairs: Ilya V. Volodyaev,</b> Moscow State Univ., European Medical Center, <b>Elena V. Naumova,</b> Rzhannov Inst. of Semiconductor Physics, Siberian Branch of Russian Academy of Sciences, Russia	Online
18.00-18.30	<b>Coffee break</b>	Building 3, 2 <sup>nd</sup> floor
18.15-20.30	<b>JOINT POSTER/INTERNET SESSION</b> <b>Chairs: Ivan V. Fedosov, Daria K. Tuchina,</b> Saratov State Univ., Russia Moderators: <b>Ivan V. Fedosov, Michael M. Slepchenkov, Alexander I. Dubrovsky,</b> Saratov State Univ., Russia	Building 3
<b>October 3, Friday</b>		
10.00-13.00	<b>INVITED LECTURE/ORAL SESSIONS</b> <b>TERAHERTZ OPTICS &amp; BIOPHOTONICS/ ADVANCED MATERIALS</b> <b>Chair: Kirill I. Zaytsev, Arsenii A. Gavdush, Nikita V. Chernomyrdin,</b> Prokhorov General Physics Institute of RAS, Bauman Moscow State Technical Univ., Russia	Online
10.30-14.50	<b>ON-LINE INVITED LECTURE/ORAL SESSION ENDOGENOUS BIOPHOTONICS</b> <b>Chairs: Andrey V. Budagovsky,</b> Michurinsk State Agrarian University and Michurin Federal Scientific Center, Michurinsk, Tambov Region, Russia, <b>Yury A. Nikolaev,</b> The Federal Research Centre "Fundamentals of Biotechnology" of the Russian Academy of Sciences, Moscow, Russia	Online
14.50-17.30	<b>ON-LINE ROUND TABLE DISCUSSION ENDOGENOUS BIOPHOTONICS</b> <b>Chairs: Ilya V. Volodyaev,</b> Moscow State Univ., European Medical Center, <b>Elena V. Naumova,</b> Rzhannov Inst. of Semiconductor Physics, Siberian Branch of Russian Academy of Sciences, Russia	Online
14.00-18.00	<b>Round-table discussions and closing of SFM-25</b>	Open Air Meeting



