



Optical Seminar • 2013



PROGRAM

November 25, Monday (place: Birzhevaya Line, 4, Conference Hall)	
9:00 – 10:00	Registration of participants
10:00 – 10:30	<p>Open session</p> <p>Opening address Vladimir N. Vasiliev Chairman of the Programming Committee, Rector of NRU ITMO, Member of RAS,</p> <p>Opening address Alexander A. Shehonin Vice-Chairman of the Programming Committee, Vice-Rector of NRU ITMO</p> <p>Opening address Alexey V. Bakholdin Co-Chairman of the Organizing Committee, Head of ACO Dept., NRU ITMO</p>
10:30 – 11:00	<p>Gennady G. Valyavin Dr, Senior Researcher, Special Astrophysical Observatory of Russian Academy of Science n. Arkhyz, Russia</p> <p>New Challenges in High-Resolution Optical, Fiber-Fed Spectroscopy for Russian Astronomy (Search for Exoplanets, Interstellar Organic Molecular Clouds, Extraterrestrial Life etc)</p>
11:00 – 11:30	<i>Coffee-break</i>
11:30 – 13:00	<p>Tomasz Kozacki PhD. Division Photonics Engineering, Institute of Micromechanics and Photonics, Warsaw University of Technology, Poland</p> <p>High NA Microoptics, Metrology and Design</p>
	<p>David Shoikhet Professor, Vice President for Academic Affairs, ORT Braude College, Israel</p> <p>Eli Raz PhD, Head of Dept. of Physics and Optical Engineering, ORT Braude College, Israel</p> <p>Optical Engineering at ORT Braude College, an Industry Oriented New Program</p>
	<p>Ludmila N. Archipova Senior optician, Head of Dept., Vavilov's State Optical Institute, St. Petersburg, Russia</p> <p>Actual Directions of Computer Optics in Vavilov's State Optical Institute</p>
13:00 – 14:00	<i>Dinner</i>
14:00 – 15:30	<p>Tatyana N. Khatsevich Professor of Siberian State Geodesic Academy, Novosibirsk, Russia</p> <p>State of Optical Design in Novosibirsk Companies</p>
	<p>Michael N. Sokolsky Dr.Sci., Head of Dept., LOMO Inc., St. Petersburg, Russia</p> <p>Novel Set of Microlenses with Improved Optical Performance for Modern LOMO Microscopes</p>
	<p>Victor A. Zverev Dr. Sci., Professor of ACO Dept., NRU ITMO</p> <p>Structure of Professional Program "Optical Engineering"</p>
15:30 – 16:00	<i>Coffee-break</i>
16:00 – 17:00	Visit to "Optical Museum"

November 26, Tuesday (place: Birzhevaya Line, 4, auditorium 104)	
Master-class “ Optical System Design with CODE V Software ”: Dmitry N. Vorontsov Official Representative of «LIGHT TEC» Company, Galina E. Romanova PhD, Assoc. Prof. of ACO Dept., NRU ITMO	
10:00 – 11:00	Part 1 “ Optical System Design. First Steps ”
11:00 – 11:30	<i>Coffee-break</i>
11:30 – 13:00	Part 2 “ Analysis of Optical System Performance ”
13:00 – 14:00	<i>Dinner</i>
14:00 – 15:30	Part 3 “ Optical System Optimization ”
15:30 – 16:00	<i>Coffee-break</i>
16:00 – 18:00	Part 4 “ Fundamentals of CODE V Macrolanguage ”

November 27, Wednesday (place: <i>Birzhevaya Line, 4, Conference Hall</i>)	
10:00 – 11:00	Vladimir I. Jurevich PhD, Head of Dept., “Laser Center” Inc. Features of Optical System Design for Technological Lasers
11:00 – 11:30	<i>Coffee-break</i>
11:30 – 13:00	Vladimir I. Jurevich PhD, Head of Dept., “Laser Center” Inc., Vyacheslav A. Grimm Senior Researcher of LTBMO, NRU ITMO Master-class “ Optical System Design for Technological Lasers ”
13:00 – 14:00	<i>Dinner</i>
14:00 – 17:30	Visit to “Laser Center” Inc. Vladimir I. Jurevich PhD, Head of Dept., “Laser Center” Inc.

November 28, Thursday (place: <i>Birzhevaya Line, 4</i>)	
10:00 – 11:00 <i>Conference Hall</i>	Marina A. Zlobina Engineer, “Lighting Technologies” Inc. Fundamentals of Interior Lighting
11:00 – 11:30	<i>Coffee-break</i>
11:30 – 13:00 <i>auditorium 104</i>	Marina A. Zlobina Engineer, “Lighting Technologies” Inc. Galina E. Romanova PhD, Assoc. Prof. of ACO Dept., NRU ITMO Master-class “ Lighting Modeling Optimization with DIALux Tools ”
13:00 – 14:00	<i>Dinner</i>
14:00 – 15:30 <i>Conference Hall</i>	Presentation of competition projects
15:30 – 16:00	<i>Coffee-break</i>
16:00 – 18:00 <i>Conference Hall</i>	Round table