



PROGRAM

May 19, Monday (address: 49, Kronverksky av.)	
9:00 - 10:00	Registration
10:00 - 10:30 <i>Congress-hall</i>	<p>Open session</p> <p>Opening address Vladimir Vasiliev Chairman of the Programming Committee, Rector of ITMO University, Member of Russian Academy of Sciences,</p> <p>Opening address Alexander Shehonin Vice-Chairman of the Programming Committee, Vice-Rector of ITMO University</p> <p>Opening address Alexey Bakholdin Co-Chairman of the Organizing Committee, Head of ACO Dept., ITMO University</p>
10:30 - 11:00 <i>Congress-hall</i>	<p>Lev Andreev Dr.Sci., Professor, ACO Dept., ITMO University</p> <p>Modular Optical System Design</p>
11:00 - 11:20	<i>Coffee-break</i>
11:20 - 11:50 <i>Congress-hall</i>	<p>Arie Maharshak Professor, President, ORT Braude College, Israel</p> <p>Engineering Students' Dilemma Work vs. Taking a Loan</p>
11:20 - 11:50 <i>Congress-hall</i>	<p>Adam Styk PhD, Associate Professor, Photonics Engineering Division, Institute of Micromechanics and Photonics, Warsaw University of Technology, Poland</p> <p>Selected Modern Interferometric Methods Applied to Resonance Vibrations Investigations</p>
11:20 - 11:50 <i>Congress-hall</i>	<p>Michael Parpin, Head of Dept., Dmitry Seregin, Senior Researcher, Dmitry Eskov, PhD, Senior Researcher, "Corporation for special space systems "Kometa" - "R&D Center for optoelectronics observation systems", St.Petersburg</p> <p>Experience in Optical System Design</p>
11:20 - 11:50 <i>Congress-hall</i>	<p>Anna Ivaschenko, Head of educational program «Become an Engineer!» "ASCON" Ltd., St.Petersburg</p> <p>Science in COMPAS and COMPAS in Science</p>
13:00 - 14:00	<i>Lunch</i>
14:00 - 14:20 <i>Congress-hall</i>	<p>Pascal De Vincenzo, General Manager, Open Engineering, Belgium, Nataly Demkovitch, Senior Engineer, "Bee Pitron" Ltd., St.Petersburg</p> <p>OOFELIE::Multiphysics 2015. New Possibilities</p>
14:20 - 14:50 <i>Congress-hall</i>	<p>Vitaly Domnenko PhD, Staff R&D Engineer, Synopsys SPb LLC, St.Petersburg</p> <p>Optical Lithography: Life after Life</p>
14:50 - 15:20 <i>Congress-hall</i>	<p>Vladislav Bugrov, PhD, Head of Dept., ITMO University, Karim Mynbayev, Dr.Sci., Professor, ITMO University, Vladimir Nikolayev, PhD, Assoc.Professor, ITMO University, Alexey Romanov, Dr.Sci., Professor, ITMO University</p> <p>Modern Tendencies in Lightdiode Technologies</p>
15:20 - 15:40 <i>Congress-hall</i>	<p>Anna Voznesenskaya PhD, Associate Professor, Alexey Bakholdin PhD, Head of ACO Department, ITMO University</p> <p>Joint Educational Programs in the Optical Engineering</p>
15:40 - 16:00	<i>Coffee-break</i>
16:00 - 18:00 <i>Congress-hall</i>	Poster-session for participants

May 20, Tuesday (address: 49, Kronverksky av.)

	room 405a	room 415
10:00 - 11:20	<p>Master-class "Optical System Design with Zemax Software"</p> <p>Elena Ermolayeva, PhD, Associate Professor, ITMO University,</p> <p>Galina Romanova, PhD, Associate Professor, ITMO University</p> <p>Part 1 "Projective Objective Design"</p>	<p>Master-class "COMPAS-3D V15. Possibilities"</p> <p>Anna Ivaschenko, Head of educational program "Become an Engineer!", "ASCON" Ltd., St.Petersburg</p>
11:20 - 11:40	<i>Coffee-break</i>	
11:40 - 13:00	<p>Part 2 "Development of Optical Systems Using the Multi-Configuration Mode"</p>	<p>Master-class "Design Automatizing for Optical Devices Using COMPAS CAD"</p> <p>Andrey Kolpakov, Programmer, "ASCON" Ltd., St.Petersburg</p> <p>Nadezhda Tolstoba, PhD, Associate Professor, ITMO University</p>
13:00 - 14:00	<i>Lunch</i>	
14:00 - 15:30	<p>Master-class "Performance Calculation for Optical Devices with Thermomechanical Loading Using OOFELIE::Multiphysics® and Zemax"</p> <p>Nataly Demkovitch, Senior Engineer, "Bee Pitron" Ltd., St.Petersburg</p>	<p>Master-class "Illumination of Sport and Street Objects. Modeling Approaches Using DIALux"</p> <p>Marina Zlobina, Engineer, "Light Technologies" Ltd., St.Petersburg</p> <p>Part 1 "Illumination of Sport and Street Objects: Modeling"</p>
15:30 - 15:50	<i>Coffee-break</i>	
15:50 - 17:00	<p>Master-class "Calculation and Evaluation of the Thermal Aberrations using Zemax"</p> <p>Alexey Garshin, Head of Dept. for Multispectral Optical System Design, "Gyrooptics" LLC, St.Petersburg</p>	<p>Part 2 "Illumination of Sport and Street Objects: Illumination Design"</p>
17:30 - 19:00	Cultural program	

May 21, Wednesday (address: 49, Kronverksky av.)

10:00 - 10:20 <i>Congress-hall</i>	Gennady Valyavin , PhD, Senior Researcher, Special Astrophysical Observatory RAS, Nizhny Archiz High-Resolution Spectrograph on the BTA Basis
10:20 - 10:40 <i>Congress-hall</i>	Markiy Chubey , PhD, Senior Researcher, Pulkovo Astronomical Observatory, St.Petersburg Theoretical Fundamentals and Instrumentation for Star Orbital Stereoscopic Observatory
10:40 - 11:00 <i>Congress-hall</i>	Evgeny Rudenchik , PhD, Head of Dept., N.V. Pushkov's Institute for Earth Magnetism, Ionosphere and Radiowave Distribution RAS, Moscow Optical Layouts for Space Solar Telescopes for "Interheliozond" and "Tachomag-ISS" Projects
11:00 - 11:30	<i>Coffee-break</i>
11:30 - 13:00	Galina Zukanova , PhD, Associate Professor, ITMO University, Alexey Bakholdin , PhD, Head of ACO Department, ITMO University Optical Systems for Astronomy
13:00 - 14:00	<i>Lunch</i>
14:00 - 18:00 <i>Pulkovo Astronomical Observatory RAS</i>	Visit to Pulkovo Astronomical Observatory RAS Markiy Chubey , PhD, Senior Researcher, Pulkovo Astronomical Observatory, St.Petersburg, Alexey Bakholdin , PhD, Head of ACO Department, ITMO University

May 22, Thursday (address: 49, Kronverksky av.)

9:00 - 13:00 <i>"Optogan" Ltd.</i>	Visit to "Optogan" Ltd.
13:00 - 14:00	<i>Lunch</i>
14:00 - 15:30 <i>Congress-hall</i>	Presentation of competition projects for young scientists and experts
15:30 - 16:00	<i>Coffee-break</i>
16:00 - 18:00 <i>Congress-hall</i>	Round table