

Press Hall	Hall No.1	Hall No.2	Presentation area
<b>25 March</b>			
<b>10:30-12:00</b>			
Joint session of the interdepartmental work group on photonics under the Russian Ministry of Industry and Trade and Photonics Technology Platform Coordinating Committee Technology Platform: Role in implementing Industry Road Map			
<b>12:00-12:30</b>			
Opening ceremony of the exhibition			
<b>12:30-13:00</b>			
Tour around the exhibition			
<b>13:00-15:00</b>			
	<b>Plenary meeting of the 3rd Congress of Photonics Technology Platform</b> Fiber Optics: Current Technology and Potential Speaker: E.M. Dianov, Academician, Director, Fiber Optics Research Centre of the Russian Academy of Sciences (RAS) Optical Radiation Detecting and Monitoring Instruments: History of Development and Modern Trends Speaker: V.P. Ponomarenko, Professor, Chief Designer, OAO NPO Orion Holography in Optics and Laser Technology Speaker: S.B. Odintsov, Professor, Deputy Director, Radioelectronic and Laser Technology Research and Development Institute of Bauman Moscow State Technical University Updated Strategic Programme of the Photonics Technology Platform Speaker: I.B. Kovsh, Professor, President, Laser Association		<b>Leybold Optics 13:30 - 14:30</b> Topic: Leybold Optics, a Buhler company, Vacuum Coating Technologies for Optical Industry: Development of Innovations, Industrial Application, Best Practices. Speakers: A.S. Kabanov, BUHLER Leybold Optics, V.I. Anisimov, OAO NII Ekran
<b>15:00-17:30</b>			
<b>Conference on Science-Based Instrument Making (Work Group 11)</b> Chairman: V.I. Pustovoi, Academician, Director, RAS Scientific and Technological Center of Unique Instrumentation Modern Acousto-Optical Instruments and Methods Speaker: V.E. Pozhar, Doctor of Physical and Mathematical Sciences, Head of Department, RAS Scientific and Technological Center of Unique Instrumentation Acousto-Optical Instruments for Processing and Analyzing Images Speaker: A.S. Machkhin, Candidate of Physical and Mathematical Sciences, Chief Research Worker, RAS Scientific and Technological Center of Unique Instrumentation Optimization of Operation Modes and Performance Limits of Acousto-Optical Deflectors Speaker: A.S. Gul, Research Worker, JSC National Centre for Laser Systems & Complexes 'Astrophysical'	<b>Conference on Element Base of Photonics (Work Group 1)</b> Chairman: R.F. Kuramov, Director General of Vavilov State Optical Institute Element Base Progresses of the Latest Generation Speaker: L.N. Arkhipova, Doctor of Engineering, Chief Optician of Vavilov State Optical Institute New Trends in Optical Materials Development Speaker: A.V. Mikhailov, NITOM OAO New Rare-Earth-Ion-Doped Crystal and Ceramics Based Materials for Solid-State Lasers of Near IR Range Speaker: P.A. Ryabochkina, Professor, Ogarev Mordovia State University Bismuth-Doped Optical Fibers Speaker: I.A. Buletov, RAS Associate Member, Head of Department, RAS Fiber Optics Research Centre Hollow-Core Fibers Speaker: A.S. Biryukov, Doctor of Physical and Mathematical Sciences, Head of Sector, RAS Fiber Optics Research Centre Research of Active Phase Synchronization System of Single-Mode Laser Radiators Using Image Processing Techniques Speaker: P.A. Semenov, Research Worker, JSC National Centre for Laser Systems & Complexes 'Astrophysical' Ultraviolet Radiator (0.25-0.29um range) Based on Parametric Light Conversion Speaker: A.V. Amcheslavsky, Bachelor, Moscow Institute of Physics and Technology Optical Materials and Components for Lasers: Radiation Resistance Speaker: Frank Elmann, Schott AG, Germany	<b>Public meeting of the Scientific Council on Laser Medicine at the Russian Academy of Medical Sciences</b> Chairman: A.V. Geynits, Professor, Director, State Research and Clinical Center for Laser Medicine Federal Medical and Biological Agency	<b>Special Systems: 15:00-16:00</b> Topics: Laser Diode Bars, Diode Arrays, High-Power Laser Modules and Laser Systems for Various Applications <i>(in English, simultaneous translation into Russian)</i>

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	<p><b>Conference on Laser Information Systems (Work Group 6)</b>  Chairman: S.M. Kopylov, Director General, OAO Stelmakh Polus Research Institute  Laser Optic Technologies in Gyroscopy  Speaker: Yu.D. Golyayev, Candidate of Physical and Mathematical Sciences, Deputy Director, OAO Stelmakh Polus Research Institute  Integrating Heterogeneous Sources of Information in Laser Navigation Systems  Speaker: A.A. Fomichyov, Doctor of Physical and Mathematical Sciences, Professor at Moscow Institute of Physics and Technology, Director, Lasers OAO  Diode-Pumped Solid State Lasers for Information Systems  Speaker: V.A. Pashkov, Doctor of Engineering, Chief Research Worker, OAO Stelmakh Polus Research Institute  High-Power Pulsed Lasers for Precision Technologies  Speaker: A.V. Shrestskiy, Candidate of Physical and Mathematical Sciences, Deputy Director, JSC National Centre for Laser Systems &amp; Complexes 'Astrophysica'  Laser Speed and Distance Meters: Current Technology and Potential for Development  Speaker: N.A. Litavnev, Candidate of Engineering, Head of Department, OAO Stelmakh Polus Research Institute  Detectors of Glint Optical and Optoelectronic Targets  Speaker: M.F. Ruzin, Head of Department, OAO Schvabe-Research  Laser Pulse-Induced Resonant Effects on Solid Surface  Speaker: V.E. Rogalin, Candidate of Physical and Mathematical Sciences, Chief Research Worker, JSC National Centre for Laser Systems &amp; Complexes 'Astrophysica'</p>	<p><b>Conference on Control of Optical Radiation (Work Group 2)</b>  Chairman: A.M. Flachyov, RAS Corresponding Member, Director General, OAO NPK Orion  Leonid Kurbatov and Development of Photonics in Russia  Speaker: A.I. Dirochka, Doctor of Physical and Mathematical Sciences, Academic Secretary, OAO NPK Orion  Metrology and Photonics  Speaker: V.A. Krutkov, Doctor of Engineering, Russian Research Institute for Optical and Physical Measurements (VNIIOFI)  Stochastic-Deterministic Approach to Optical Detection and Processing  Speaker: V.A. Saurkin, Candidate of Engineering, Head of Department, JCS Zverev Krasnogorskiy Zavod</p>	<p><b>Conference on Laser Technology and Techniques in Manufacturing Industry (Work Group 3)</b>  Chairman: V.M. Levshakov, Director, R&amp;D Company Sudstroitekhlogiya Shipbuilding and Shiprepair Technology Center  Draft Road Map for the Development of Laser Micromachining of Industrial Materials  Speaker: V.M. Levshakov  Laser Machining in Instrument Engineering, Marking and Engraving  Speaker: D.L. Saprykin, Director General, ZAO ESTO Research Institute  Laser and Optical Methods of Measuring, Analyzing and Managing Manufacturing Processes  Speaker: Yu.V. Chugry, Doctor of Engineering, Professor, Director, RAS Technological Design Institute of Scientific Instrument Engineering  Best Practices in Developing Industrial Laser Technologies  Speaker: G.A. Turchin, Doctor of Engineering, Professor, Director, Institute of Laser and Welding Technologies of St Petersburg State Polytechnic University  Training Engineers and Technical Specialists in the Field of Laser Technologies: Current Situation and Challenges  Speaker: I.N. Shiganov, Doctor of Engineering, Director, Research and Development Institute of Structural Materials and Technological Processes under Bauman Moscow State Technical University  Laser Welding of Light Alloys for Aircraft Industry  Speaker: A.M. Orshich, Doctor of Physical and Mathematical Sciences, Deputy Director, RAS Siberian Branch of Khristianovich Institute of Theoretical and Applied Mechanics  New IIG Projects in the Field of Laser Sources and Peripheral Units  Speaker: A.G. Ignatov, Chief Welder, IRE-Polus  Laser Cleaning Equipment for Material Surface in Modern Industrial Engineering  Speaker: M.V. Volkov, JCS Scientific Industrial Enterprise of Fiber Optical and Laser Equipment</p>	<p><b>SCHOTT AG</b> 10:30 - 11:30  Doped Glass for High-Power Lasers  <b>Bee Piron</b> 12:00 - 13:00  Design of a piezoelectric MEMS micro-mirror by use of OOFELIE: Multiphysics linked to Zemax*  <i>(In English, with simultaneous translation into Russian)</i></p>
	<b>12:30-14:30</b>			
	<p><b>Conference on Laser Diodes, LEDs, Photonics in Nanotechnology (Work Group 10)</b>  Chairman: A.G. Zabrudskiy, RAS Associate Member, Director, Ioffe Physical Technical Institute of the Russian Academy of Sciences  High-Power Semiconductor Lasers: Development of Concept  Speaker: N.A. Pikhin, Candidate of Physical and Mathematical Sciences, Chief Research Worker, RAS Ioffe Physical Technical Institute  High-Power Laser Diodes: Challenges and Potential  Speaker: V.V. Bezotsnyy, Candidate of Physical and Mathematical Sciences, Chief Research Worker, Lebedev Institute of Physics  WGM Lasers: Present and Future  Speaker: Yu.P. Yakovlev, Doctor of Physical and Mathematical Sciences, Head of Laboratory, RAS Ioffe Physical Technical Institute  Multiplexed Laser Diode Modules for Electrooptical Systems of Industrial and Medical Purpose  Speaker: A.A. Filatov, Director, JCS Scientific Industrial Enterprise of Fiber Optical and Laser Equipment  Laser-Plasma Technique of X-ray Photolithography  Speaker: S.M. Aranchy, Research Worker, JSC National Centre for Laser Systems &amp; Complexes 'Astrophysica'</p>	<p><b>Conference on Optical Connections and Telecommunications (Work Group 7)</b>  Chairman: Yu.A. Miltsteyn, Head of Department, Rostelecom OAO  Russian Voiga 100G DWDM System: Two World Records in Range and High Economic Efficiency  Speaker: V.N. Treshchikov, Candidate of Physical and Mathematical Sciences, Director, TS OOO  Transformation of Output Radiation Induced by Fiber-Optics Laser through Channels in Photonic Crystals  Speaker: Yu.V. Sorokin, Candidate of Engineering, Deputy Head of Special Design Bureau, JSC National Centre for Laser Systems &amp; Complexes 'Astrophysica'</p>	<p><b>Conference on Photonics in Navigation and Geodesy (Work Group 9)</b>  Chairman: V.D. Shargorodskiy, Chief Designer, Precision Instrument Engineering Systems Research and Development Corporation (OAO NPK CPP)  Using Laser Distance Measuring to Improve GLONASS Precision  Speaker: V.V. Pasyonkov, Doctor of Engineering, Deputy Principal Designer, OAO NPK CPP  OAO NPK SPP: 10 years in Avionics. Current Projects and Development  Speaker: V.V. Sumerin, Candidate of Engineering, Head of Division, OAO NPK SPP  Onboard Space Optoelectronic Information and Measuring Systems  Speaker: V.N. Grigoryev, Candidate of Physical and Mathematical Sciences, Head of Department, OAO NPK SPP  Building an On-board Terminal for a One-Way Laser Ranging, and its Efficiency for Precision Tasks, where GLONASS Operates Using Ephemeris and Time Data  Speaker: A.S. Zhabin, Candidate of Engineering, Head of Group, OAO NPK SPP  Analyzing the Progress of the Russian Laser Range-Measuring Sector in 2013  Speaker: S.M. Shiroky, OAO NPK SPP</p>	<p><b>Special Systems:</b> 13:30 – 14:30  Topic:  Optical Connectors and Cable Arrays for Harsh Operating Environment.  <i>(In English, with simultaneous translation into Russian)</i></p>
	<b>15:00-16:00</b>			
	<p>Meeting of participants in the work groups of Photonics Technology Platform with representatives of Russian Venture Company and Russian Union of Business Angels, summing-up the results of the joint competition for the Best Innovation in Photonics Award, organized by Rostekhnologii State Corporation and Photonics Technology Platform</p>	<p><b>ESTO Research and Development Institute</b> 15:00 - 17:00  Ultrasound (i.e. femtoseconds and picoseconds) Pulses Laser Systems. Joint project of ESTO - Lasers &amp; Apparatus (Russia) and Amplitude Systems (France)</p>	<p><b>Lasertrack</b> 15:00 - 16:30  Not just a "new" laser sensor <i>(In English)</i>  The use of novel, direct diode lasers for large area hard-facing and high deposition rate cladding to enhance surface wear and corrosion <i>(In English)</i>  Speaker: Paul Reinhard, Director, European Representative Management Coherent (Deutschland) GmbH  16:00 Coffee Break  Application of Coherent Lasers in Optical &amp; Mechanical Equipment Manufactured by KBTEM-OMO JSC  Speaker: V.A. Yuditlsky, KBTEM-OMO JSC, Republic of Belarus</p>	
	<b>16:00-17:00</b>			
	<b>17:00-19:00</b>			
	<b>Eurasian Technology Platform Photonics: Presentation</b>			
	<b>The 19th Meeting of Laser Association (summary and election)</b>			

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	<p><b>Conference on Photonics in Agriculture and Natural Resource Management (Work Group 5)</b>  Chairman: A.V. Budagovsky, Doctor of Engineering, the Michurin Russian Research and Development Institute of Fruit Crop Genetics and Selection  Lasers in Plant Biotechnology  Speaker: A.V. Budagovsky, Doctor of Engineering, Chief Research Worker, Michurin Russian Research and Development Institute of Fruit Crop Genetics and Selection  Plant and Fruit Laser Diagnostics  Speaker: O.N. Budagovskaya, Doctor of Engineering, Chief Research Worker, Michurin Russian Research and Development Institute of Fruit Crop Genetics and Selection  Laser Agrotechnologies: Best Application Practices  Speaker: P.S. Zhurba, Director General, OOO Biolaser Research and Development Company</p>	<p><b>Conference on Optoelectronic Technologies (Work Group 8)</b>  Chairman: V.P. Savvinikh, RAS Associate Member, President, Moscow State Institute of Engineers in Geodesy, Aerophotography and Cartography (MGIAIK)  Current Role of Optoelectronic Technologies in the World  Speaker: Yu.G. Yakushenkov, Doctor of Engineering, Head of Department, MGIAIK  Training Specialists in and Users of Optoelectronic Devices  Speaker: I.P. Torshina, Doctor of Engineering, Dean, Faculty of Optical and Information Systems and Technologies, MGIAIK  Promising Research Areas in Terms of Creating Innovative Optoelectronic Devices  Speaker: Yu.V. Savin, Director General, OAO Rostov Optical and Mechanical Plant  Mathematical Modeling Application for Analysis of Reception Channels Operation in Electro Optical Surveillance Equipment  Speaker: V.I. Kolinko, Candidate of Engineering, Head of Special Design Bureau, JCS Zverev Krasnogorsky Zavod</p>	<p><b>Special Systems 11:00-12:00</b>  Topics:  Acousto-Optical, Electro-Optical and Fiber-Optical Products  by Gooch and Housego (in English, with simultaneous translation into Russian)</p>
	13.00-13.30		
	Results of the Competition organized by the Laser Association for the Best Development Award		
	14.00-15.00		
	<p>Round-Table Discussion on Regional Laser Centers: Best Practices and Development Potential  Moderator: Ye.B. Kulbatsky</p>		

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