

# International Workshop "LIGHTtalks: Power of Photonics"

25 April 2016, Riga, LATVIA

<b>9:30 - 10:00</b>		<b>Registration</b>
<b>10:00</b>	<b>SESSION CHAIRPERSON: Prof. Andris Ozols</b>	
<b>10:00 - 10:15</b>	<b>Andris Ozols</b> , Institute of Technical Physics, Riga Technical University, Latvia	<i>Opening: Introduction of the event and the speakers. Video "Lighting the Future"</i>
<b>10:15 - 10:35</b>	<b>Arnolds Ubelis</b> , Institute of Atomic Physics and Spectroscopy, University of Latvia, Latvia	<i>Introductory insight in the power of photonics – technologies and economics</i>
<b>10:35 - 10:55</b>	<b>Augustinas Vizbaras</b> , Brolis Semiconductors Ltd., Lithuania	<i>Infrared laser diodes for medical, defense and spectroscopy applications</i>
<b>10:55 - 11:15</b>		<b>Coffee break</b>
<b>11:15</b>	<b>SESSION CHAIRPERSONS: Prof. Andris Ozols, Prof. Linards Skuja</b>	
<b>11:15 - 11:35</b>	<b>Jurgis Porins</b> , Faculty of Electronics and Telecommunications, Riga Technical University, Latvia	<i>Realization of Energy Efficient Dense Bidirectional Spectrum Sliced WDM-PON Access System</i>
<b>11:35 - 11:55</b>	<b>Kestutis Jarasiunas</b> , Department of Semiconductor Physics, Vilnius University, Lithuania	<i>Metrological potential of optical pump-probe techniques and their applicability for control of semiconductors for photonics and electronics</i>
<b>11:55 - 12:15</b>	<b>Andrejs Griščenko</b> , CeramOptec Ltd., Latvia	<i>Peculiarities of optical fiber products manufacturing in SIA CeramOptec</i>
<b>12:15 - 12:35</b>	<b>Gatis Mozolevskis</b> , EuroLCDs Ltd., Latvia	<i>Bistable liquid crystal materials for smart glass application</i>
<b>12:35 - 13:30</b>		<b>Networking Lunch</b>
<b>13:30</b>	<b>SESSION CHAIRPERSONS: Prof. Kestutis Jarasiunas, Prof. Jurgis Porins</b>	
<b>13:30 - 13:50</b>	<b>Linards Skuja</b> , Institute of Solid State Physics, University of Latvia, Latvia	<i>Effect of interstitial gas molecules on performance of optical devices made from high purity glassy SiO<sub>2</sub></i>
<b>13:50 - 14:10</b>	<b>Juris Purans</b> , Institute of Solid State Physics, University of Latvia, Latvia	<i>Amorphous ZnO based thin films</i>
<b>14:10 - 14:30</b>	<b>Andris Grabovskis</b> , Institute of Atomic Physics and Spectroscopy, University of Latvia, Latvia	<i>Biophotonics Challenging Sepsis: Chasing the Silent Killer</i>
<b>14:30 - 14:50</b>	<b>Ingrida Lavrinovica</b> , Institute of Telecommunications, Riga Technical University, Latvia	<i>Evaluation of effective area of ytterbium doped optical fiber</i>
<b>14:50 - 15:10</b>		<b>Coffee break</b>
<b>15:10</b>	<b>SESSION CHAIRPERSON: Prof. Arnolds Ubelis</b>	
<b>15:10 - 15:55</b>	Round table and Q&A session.	