



International School for Young Scientists

<http://mplp2016.laser.nsc.ru/school-for-young-scientists/>

Thursday, August 25 <i>"House of Scientists", Morskoy prosp., 23, Small Hall</i>	
16:30 – 16:40	School Opening
16:40 – 17:30	Prof. Nicolò Beverini – Department of Physics, University of Pisa, Pisa, Italy – Senior Member of the Optical Society of America <i>"Sagnac effect and gyroscopes"</i>
17:30 – 18:20	Prof. Sergey Babin – vice-director of the Institute of Automation and Electrometry SB RAS, Novosibirsk, corresponding member of Russian Academy of Sciences, member of OSA, IEEE and SPIE societies <i>"New technologies of fibre optics"</i>
Friday, August 26 <i>Novosibirsk State University, new building, room no 3312</i>	
09:00 – 09:50	Prof. David Hutchinson – University of Otago, director of the national Centre of Research Excellence (Dodd Walls Centre), New Zealand <i>"A brief history of Bose-Einstein condensation of ultracold gases"</i>
14:00 – 14:50	Prof. Boris A. Knyazev – Head of the Laboratory of Applied Electrodynamics at the Novosibirsk State University and Principal Researcher at the Budker Institute of Nuclear Physics SB RAS <i>"Beams with angular orbital momentum: a step into the terahertz range"</i>
14:50 – 15:40	Prof. Boris Vainer – Principal Research Scientist of the Rzhanov Institute of Semiconductor Physics SB RAS and professor of the Novosibirsk State University, Novosibirsk, Russia <i>"Lasers and infrared thermography: harmony, mutual assistance and reciprocal gain"</i>
15:40 – 16:00	Coffee Break
16:00 – 16:50	Prof. Valentin Rudenko – Head of the Department of Gravitational Measurements, P.K. Sternberg Astronomical Institute, M.V. Lomonosov Moscow State University, Moscow, Russia <i>"First registration of gravitational waves by using the large laser interferometers with suspended mirrors"</i>
16:50 – 17:50	Prof. Jean-Jacques Zondy – Nazarbaev University, School of Science and Technology (SST), Astana, Kazakhstan, Senior Member of the Optical Society of America <i>"Continuous-wave Optical Parametric Oscillators: Theory and Applications"</i>
17:50 – 18:10	Coffee Break
18:10 – 19:10	Prof. Jean-Jacques Zondy <i>"Optimally-coupled cw Intracavity Second-Harmonic Generation in solid-state lasers ring lasers: Observation of cascaded Kerr-lens modelocking"</i>