

## Wednesday August 27, 2014

08:00 – 09:00	<b>Registration</b>
09:00 – 09:15	<b>Opening Session</b> <i>Pavel TOMÁNEK</i>
09:15 – 12:00	<b>Plenary Session</b> <span style="float: right;"><b>Chair: Pavel Tománek</b></span>
09:15 – 10:00	<b>Phase sensitive amplification</b> <i>Radan SLAVÍK</i>
10:00 – 10:45	<b>Next generation solar cells based on graded bandgap structures utilizing low-cost electroplated materials</b> <i>I.M. DHARMADASA, O. K. Echendu</i>
10:45 – 11:15	<b>Coffee Break</b>
11:15 – 12:00	<b>Photon mayhem: using light for structural and functional assessment of biological tissue</b> <i>Alex VITKIN</i>
12:00 – 12:20	<b>Photonics and Education (Topic 13)</b> <span style="float: right;"><b>Chair: Pavel Tománek</b></span>
12:00 – 12:20	<b>Project Adopsys as an example of international collaboration in the field of Photonics [invited]</b> <i>Nenad ZORIC, Irina Livshits, Paul Urbach</i>
12:20 – 12:40	<b>Keyence Digital Microscope Presentation</b> <i>František JAKUBEC</i>
12:40 – 14:00	<b>Lunch Break</b>
14:00 – 15:20	<b>Laser in Industry (Topic 1)</b> <span style="float: right;"><b>Chair: Petr PÁTA</b></span>
14:00 – 14:20	<b>HILASE Project: High intensity laser for industry and scientific applications [invited]</b> <i>Danijela ROSTOHAR, Akira Endo, Antonio Lucianetti, Tomáš Mocek</i>
14:20 – 14:35	<b>Opto-mechanical design of vacuum laser resonator for the OSQAR experiment</b> <i>Jan HOŠEK, Karolina Macúchová, Šárka Němcová, Štěpán Kunc, Miroslav Šulc</i>
14:35 – 14:50	<b>Stable similariton generation in hybrid mode-locked erbium-doped all-fiber ring laser for application in optical frequency standard</b> <i>Stanislav SAZONKIN, Vladimir A. Lazarev, Alexey B. Pniou, Valeriy E. Karasik, Vyacheslav V. Grebenyukov, Anatoly S. Pozharov, Elena D. Obratsova, Alexander A. Krylov, Dmitriy A. Dvoretzkiy, Stanislav O. Leonov</i>

<b>14:50 – 15:05</b>	<b>Mode-locking operation of quasi-continuous diode pumped TGT-grown Nd, Y-codoped: SrF<sub>2</sub> crystal</b> <i>Michal JELÍNEK, Vaclav Kubeček, Liangbi Su, Dapeng Jiang, Fengkai Ma, Qian Zhang, Yuexin Cao, Jun Xu</i>
<b>15:05 – 15:20</b>	<b>Laser printing of high resolution and high aspect ratio conductive tracks for printed electronics</b> <i>Merijn GIESBERS, Rajesh Mandamparambil, Edsger Smits, Ashok Sridhar, Jeroen van den Brand</i>
<b>15:20 – 15:50</b>	<b>Coffee Break</b>
<b>15:50 – 16:40</b>	<b>Simulation of Photonic Devices (Topic 4)</b> <b>Chair: Dagmar Senderáková</b>
<b>15:50 – 16:10</b>	<b>Investigation of monocrystalline CdMnTe semimagnetic semiconductors [invited]</b> <i>Matanat MEHRABOVA, Hidayat Nuriyev, Huseyn Orujov, Afin Nazarov, Rafiq Sadigov, Vusala Poladova</i>
<b>16:10 – 16:25</b>	<b>Adaptive Volterra equalizer for optical OFDM modem</b> <i>Sofien Mhatli, Bechir NSIRI, Rabah Attia, Jarajreh Mutsam, Channoufi Malak</i>
<b>16:25 – 16:40</b>	<b>Analysis of subwavelength-grating waveguide structures with 3D Fourier modal methods</b> <i>Pavel KWIECEN, Ivan Richter, Jiří Čtyroky</i>
<b>16:40 – 17:25</b>	<b>Non-linear Materials, Devices and Applications (Topic 9)</b> <b>Chair: Joël COX</b>
<b>16:40 – 16:55</b>	<b>Space-selective modification of Au-doped optical grade glass by the femtosecond laser beam</b> <i>Alexey LIPATIEV, Sergey Lotarev, Tatiana Gelmanova, Vitaly Savinkov, Georgiy Shakhgildyan, Peter Kazansky, Vladimir Sigaev</i>
<b>16:55 – 17:10</b>	<b>All-optical polarization control and noise cleaning based on a nonlinear lossless polarizer</b> <i>Matteo BAROZZI, Armando Vannucci, Giorgio Picchi</i>
<b>17:10 – 17:25</b>	<b>Influence of DFB laser light on spectral properties of LDs and LEDs</b> <i>Vladimír VAŠINEK, Petr Šiška, Andrej Liner, Karel Witas, Stanislav Hejduk</i>
<b>17:25 – 17:40</b>	<b>Photonics and Multimedia (Topic 12)</b> <b>Chair: Joël COX</b>
<b>17:25 – 17:40</b>	<b>Stellar objects identification using wide-field camera</b> <i>Petr JANOUT, Petr Páta, Martin Blažek, Elena Anisimova, Petr Skála, Jan Bednář</i>
<b>18.30</b>	<b>Meeting Point by the Hotel Reception</b>
<b>19.30</b>	<b>Welcome Dinner at Kamenný most Restaurant</b> by Charles Bridge, Smetanovo nábřeží 195, Prague 1 - Staré Město

## Thursday August 28, 2014

<b>09:00 – 11:00</b>	<b>Nanophotonics + Nanooptics (Topic 11)</b> <b>Chair: Václav PRAJZLER</b>
<b>09:00 – 09:20</b>	<b>THz frequency sensing and imaging: hurdles and perspectives</b> <i>[invited]</i> <i>Roberto MORANDOTTI, Anna Mazhorova, Matteo Clerici, Rafik Naccache, Manoj Kumar Mridha, Luca Razzari, Fiorenzo Vetrone</i>
<b>09:20 – 09:40</b>	<b>Surface-plasmon enhanced upconversion in rare-earth doped nanoparticles</b> <i>[invited]</i> <i>Steve SMITH</i>
<b>09:40 – 10:00</b>	<b>Extraordinary nonlinear plasmonics in graphene nanoislands</b> <i>[invited]</i> <i>Joël COX, F. Javier García de Abajo</i>
<b>10:00 – 10:15</b>	<b>Excitation of quantum dot by ultrashort electromagnetic pulse scattering on atomic cluster</b> <i>Sergey SVITA, Valeriy A. Astapenko</i>
<b>10:15 – 10:30</b>	<b>Fluorescence coupling to plasmonic nanoparticles</b> <i>Gernot SCHAFFERNAK, Christian Gruber, Joachim R. Krenn, Markus Krug, Marija Gašparić, Martin Belitsch, Andreas Hohenau</i>
<b>10:30 – 10:45</b>	<b>Explanation of extraordinary transmission on 1d and 2d metallic gratings</b> <i>Jan FIALA, Ivan Richter</i>
<b>10:45 – 11:00</b>	<b>Behaviour of spheroidal microparticles in optical vortices</b> <i>Lukáš CHVÁTAL, Alejandro V. Arzola, Petr Ják, Pavel Zemánek</i>
<b>11:00 – 11:30</b>	<b>Coffee Break</b>
<b>11:30 – 12:15</b>	<b>Diffraction Optical Devices (Topic 6)</b> <b>Chair: Roberto MORANDOTTI</b>
<b>11:30 – 11:45</b>	<b>Laser diode modes estimation by moiré analysis of interference pattern</b> <i>Dagmar SENDERÁKOVÁ, Milan Drzik, Vladimír Mesároš</i>
<b>11:45 – 12:00</b>	<b>Experimental and theoretical study of deformable mirror actuator arrays</b> <i>Jan PILAŘ, Stefano Bonora, Antonio Lucianetti, Helena Jelínková, Tomáš Mocek</i>
<b>12:00 – 12:15</b>	<b>New generation of VBGs for laser beam control and spectroscopy</b> <i>Vadim SMIRNOV</i>

<b>12:15 – 12:30</b>	<b>Organic Photonic Materials and Devices (Topic 8)</b> <i>Chair: Roberto MORANDOTTI</i>
<b>12:15 – 12:30</b>	<b>Large core optical polymer planar waveguides</b> <i>Václav PRAJZLER, Radek Maštera, Marian Knietel, Oleksiy Lyutakov, Pavla Nekvindová, Vitězslav Jeřábek</i>
<b>12:30 – 14:00</b>	<b>Lunch break</b>
<b>14:00 – 15:30</b>	<b>Waveguide Photonics (Topic 7)</b> <i>Chair: Radan SLAVÍK</i>
<b>14:00 – 14:15</b>	<b>“Burying” of channel optical waveguides – relation between near-field measurement and Ag concentration profile</b> <i>Wan-Shao TSAI, Yen-Huang Liu, Ondřej Barkman, Václav Prajzler, Stanislav Staněk, Pavla Nekvindová</i>
<b>14:15 – 14:30</b>	<b>Propagation of ultra-short pulses in single-mode fiber</b> <i>Egor MANUYLOVICH, Valeriy A. Astapenko, Vitaly A. Bagan</i>
<b>14:30 – 14:45</b>	<b>Characterization of fluorescence lifetime of Tm-doped fibers with increased quantum conversion efficiency</b> <i>Jakub CAJZL, Pavel Peterka, Pavel Honzátko, Filip Todorov, Jan Mrázek, Ondřej Podrazký, Petar Gladkov, Pavla Nekvindová, Ivan Kašík</i>
<b>14:45 – 15:00</b>	<b>Formation of crystalline dots and lines in lanthanum borogermanate glass by the low pulse repetition rate femtosecond laser</b> <i>Tatiana GELMANOVA, Sergey Lotarev, Alexey Lipatiev, Peter Kazansky, Vladimir Sigaev</i>
<b>15:00 – 15:15</b>	<b>Diffraction properties of optically and thermally modulated waveguide array formed in lithium niobate by direct laser writing</b> <i>Vladimir SHANDAROV, Andrey V. Kanshu, Vitaly G. Kruglov, Anton S. Perin, Dmitry Petnev, Feng Chen</i>
<b>15:15 – 15:30</b>	<b>Stable states of THz pulses co-propagated in multilevel media</b> <i>Oleg KHASANOV, Eugenijus Gaizauskas, Olga Fedotova</i>
<b>15:30 – 16:00</b>	<b>Coffee Break</b>
<b>16:00 – 17:00</b>	<b>Solid State Lighting + LED, LD, OLED, Solar Cells (Topic 10)</b> <i>Chair: Steve SMITH</i>
<b>16:00 – 16:15</b>	<b>SEM and AFM imaging of solar cells defects</b> <i>Pavel ŠKARVADA, Robert Macků, Dinara S. Dallaeva, Lubomír Grmela, Pavel Tománek</i>
<b>16:15 – 16:30</b>	<b>Luminescence of fixed site Ag nanoclusters in simple oxyfluoride glass host and plasmon absorption of amorphous Ag nanoparticles in complex oxyfluoride glass host</b> <i>Mikhail SHESTAKOV, Maria Meledina, Xianmei Chen, Stuart Turner, Niels Verellen, Gustaaf Van Tendeloo, Victor V. Moshchalkov</i>

<b>16:30 – 16:45</b>	<b>Realization of microscale detection and localization of low light emitting spots in monocrystalline silicon solar cells</b> <i>Pavel TOMÁNEK, Pavel Škarvada, Dinara S. Dallaeva, Lubomír Grmela</i>
<b>16:45 – 17:00</b>	<b>Temperature issues with white laser diodes, calculation and approach for new packages</b> <i>Roland LACHMAYER, Gerolf Kloppenburg, Serge Stephan</i>
<b>17:00 – 17:15</b>	<b>Photonic Crystals, Photonic Bandgap Structures (Topic 5)</b> <b>Chair: Steve SMITH</b>
<b>17:15 – 17:15</b>	<b>Comparison of properties of Bragg fibers with air and silica cores</b> <i>Vlastimil MATĚJEC, Michal Frank, Václav Kubeček, Ondřej Podrazký, Ivan Kašík, Michal Jelínek</i>
<b>17.15 – 19.30</b>	<b>Poster Session</b>
	<b>Laser in Industry (Topic 1)</b>
<b>5</b>	<b>Optical coherence tomography as film thickness measurement technique</b> <i>Aissa MANALLAH, Christoph Meier, Mohamed Bouafia</i>
<b>46</b>	<b>Single photon lidar demonstrator for asteroid rendezvous missions</b> <i>Michael VACEK, Vojtěch Michálek, Marek Peca, Ivan Procházka, Josef Blažej, Petr Čížinský, Goran Djurovic</i>
<b>65</b>	<b>Optimization of passively mode-locked quasi-continuously diode-pumped Nd:GdVO<sub>4</sub> laser in bounce geometry</b> <i>Milan FRANK</i>
	<b>Optical Sensors (Topic 2)</b>
<b>24</b>	<b>Superlinearity and temperature dependence of electroluminescence in heterostructures with deep AlSb/InAs<sub>1-x</sub>Sb<sub>x</sub> / AlSb quantum well</b> <i>Maya P. MIKHAILOVA, Eduard V. Ivanov, Leonid V. Danilov, Andrei A. Petukhov, Karina V. Kalinina, Nikolai D. Stoyanov, Yuri P. Yakovlev, Alice Hospodková, Jiří Pangrác, Jiří Oswald, Markéta Ziková, Eduard Hulicius</i>
<b>73</b>	<b>Measurement of the temperature distribution inside the power cables using distributed temperature system</b> <i>Jakub JAROŠ, Andrej Liner, David Hrubý, Martin Papeš, V. Vašínek</i>
<b>82</b>	<b>The modification methods of polymer fiber cladding for sensing application</b> <i>Jan AUBRECHT, Ladislav Kalvoda, Petr Levinský, Jaroslava Fojtíková</i>
<b>119</b>	<b>Measurement of insulation layers using DTS system</b> <i>David HRUBÝ, Tomáš Kajnar, Petr Koudelka, Jan Láta, Jan Hurta, Stanislav Kepák, Vladimír Vašínek</i>

<b>124</b>	<b>Designing and simulation smart multifunction continuous logic device as a basic cell of advanced high-performance sensor systems with MIMO-structure</b> <i>Vladimir G. KRASILENKO, Aleksandr I. Nikolskyy, Alexander A. Lazarev</i>
<b>Biophotonics (Topic 3)</b>	
<b>123</b>	<b>Miniaturized ubiquitous scanning laser ophthalmoscope</b> <i>Helene STRESE, Oliver Gubler, Francois Corthay, Serge Amoos, Frederic Truffer, Nuria Pazos Escudero, Francois Tieche, Julien Senn, Martial Geiser</i>
<b>Simulation of Photonic Devices (Topic 4)</b>	
<b>14</b>	<b>Differential interferometer for measurement of displacement of laser resonator mirrors</b> <i>Karolína MACÚCHOVÁ, Šárka Němcová, Jan Hošek</i>
<b>47</b>	<b>Study of the effect of temperature on the optical connectors</b> <i>Tomáš KAJNAR, Jan Látal, David Hrubý, Stanislav Kepák, Marcel Fajkus, Vladimír Vašínek</i>
<b>84</b>	<b>Security risk assessment of the primary layer of wavelength division multiplexing passive optical network WDM-PON</b> <i>Petr Koudelka, Jan Látal, Radek POBOŘIL, Lukáš Hájek, Stanislav Kepák, Petr Šiška, Vladimír Vašínek</i>
<b>104</b>	<b>A bi-directional triplexer with butterfly MMI coupler using SU-8 polymer waveguides</b> <i>David MAREŠ, Vítězslav Jeřábek, Václav Prazler</i>
<b>111</b>	<b>Grating recording with short pulses in photorefractive multiple quantum well GaAs-AlGaAs structure</b> <i>Eliza M. MIŚKIEWICZ, Marek Wichtowski, Andrzej Ziółkowski, Ewa Weintert-Raczka</i>
<b>112</b>	<b>Micro-optical insertion system for WDM transceiver</b> <i>Břetislav BAKALA, David Mareš, Vítězslav Jeřábek, Václav Prazler</i>
<b>129</b>	<b>Analysis of Wiener-Hammerstein equalizer for optical OFDM modem</b> <i>Sofien Mhatli, Bechir NSIRI, Rabah Attia</i>
<b>Diffractive Optical Devices (Topic 6)</b>	
<b>49</b>	<b>Monitoring of overmodulation of refractive index for high efficiency transmission gratings in photopolymer systems</b> <i>Petr VOJTÍŠEK, Milan Květoň</i>
<b>62</b>	<b>Calculation of the eigenfunctions of two lens imaging system</b> <i>Mikhail S. KIRILENKO, Svetlana N. Khonina</i>

<b>74</b>	<b>Forming near-field helical intensity using a binary vortical axicon</b> <i>Sergey A. DEGTYAREV, Svetlana N. Khonina</i>
<b>79</b>	<b>Focusing properties of diffractive lenses constructed with the aperiodic m-bonacci sequence</b> <i>Walter D. FURLAN, Vicente Ferrando, Juan A Monsoriu</i>
<b>Waveguide Photonics (Topic 7)</b>	
<b>41</b>	<b>Preparation and characterization of coatings with a high reflectivity on planar substrates and inside silica tubes</b> <i>Ivo BARTOŇ, Vlastimil Matějec, Jan Mrázek, Ondřej Podrazký</i>
<b>56</b>	<b>Preparation of optical fibers with non-circular cross-section for fiber lasers and amplifiers</b> <i>Ondřej PODRAZKÝ, Ivan Kašík, Pavel Peterka, Jan Aubrecht, Jakub Cajzl, Jana Proboštová, Vlastimil Matějec</i>
<b>68</b>	<b>Microstructured fibers of As<sub>2</sub>S<sub>3</sub> glasses: preparation and characterization</b> <i>Jiří Zavadil, Ondřej Podrazký, Vlastimil Matějec, Jitka Pedlíková, Petr Kostka, Nikola BAŠÍNOVÁ</i>
<b>93</b>	<b>Design and modeling of the multimode interference structures with graded refractive index</b> <i>Ondřej BARKMAN, Vítězslav Jeřábek</i>
<b>107</b>	<b>Electroabsorption properties of photorefractive multiple quantum well planar waveguides</b> <i>Andrzej Ziótkowski, Agnieszka BRANECKA, Ewa Weinert-Raczka</i>
<b>113</b>	<b>New approach to design of optical transmitter for indoor free space optical network</b> <i>Lukáš HÁJEK, Jan Láta, Petr Koudelka, Jan Vitásek, Petr Šiška, Andrej Liner, Vladimír Vašínek</i>
<b>Non-linear Materials, Devices and Applications (Topic 9)</b>	
<b>44</b>	<b>Time-dependent characteristic of negative feedback optical amplifier at bit rates 10-Gbit/s based on an optical triode</b> <i>Yuki HARADA, Mohamad Syafiq Azmi, Siti Aisyah Azizan, Takaomi Matsutani, Yoshinobu Maeda</i>
<b>45</b>	<b>Analysis of spectral response of optical switching devices based on chalcogenide bistable fiber Bragg gratings</b> <i>Ľubomír SCHOLTZ, Jarmila Müllerová</i>
<b>75</b>	<b>Photorefractive polymer composite with [4-(dibutylamino)benzylidene]malononitrile for holographic record</b> <i>Jiří DĚDIČ, Milan Květoň, Numan Almonasy, Fouzy Alafid, Pavel Fiala</i>

<b>109</b>	<b>Laser induced crystallization of amorphous hydrogenated silicon monitored by Raman spectroscopy</b> <i>Veronika VAVRUŇKOVÁ, Petr Novák, Lucie Prušáková, Jan Očenášek</i>
<b>127</b>	<b>Repetition rate multiplication of a femtosecond frequency comb</b> <i>Adam LEŠUNDÁK, Radek Šmíd, Dirk D. Voigt, Martin Čížek, Steven A. van den Berg, Ondřej Číp</i>
<b>Solid state lighting + LED, LD, OLED, Solar Cells (Topic 10)</b>	
<b>37</b>	<b>High-temperature luminescence in light-emitting heterostructures with a high potential barriers based on GaSb</b> <i>Andrey A. PETUKHOV, Leonid V. Danilov, Eduard V. Ivanov, Karina V. Kalinina, Maya P. Mikhailova, Georgy G. Zegrya, Nikolay D. Stoyanov, Yury P. Yakovlev</i>
<b>57</b>	<b>Changing of energetic structure of SiC-AlN based semiconductors</b> <i>Dinara S. DALLAEVA, Shikhgasan M. Ramazanov, Guseyn M. Ramazanov, Elena G. Prokopyeva, Pavel Kašpar, Ramazan R. Akhmedov</i>
<b>Nanophotonics + Nanooptics (Topic 11)</b>	
<b>106</b>	<b>Ag on carbon nanowalls mesostructures for SERS</b> <i>Mikhail Y. TSVETKOV, Viktor N. Bagratashvili, Stanislav A. Evlashin, Kirill V. Mironovich, Nikolay V. Suetin</i>
<b>Photonics and Multimedia (Topic 12)</b>	
<b>53</b>	<b>Optimizing of functional design parameters of kaleidoscopes</b> <i>Jiří ČÁP, Vlastimil Havran, Jiří Bittner, Jan Hošek, Karolína Macúchová, Šárka Němcová</i>
<b>Photonics and Education (Topic 13)</b>	
<b>126</b>	<b>GLORIA - open-access network of robotic telescopes</b> <i>Petr PÁTA, Stanislav Vítek, Elena Anisimova</i>

## Friday August 29, 2014

<b>09:00 – 10:30</b>	<b>Optical sensors (Topic 2)</b>	<b>Chair: Vladimír VAŠINEK</b>
<b>09:00 – 09:15</b>	<b>On the development of a low-cost rigid borescopic fringe projection system</b> <i>Jochen SCHLOBOHM, Markus Kästner, Andreas Pösch, Eduard Reithmeier</i>	
<b>09:15 – 09:30</b>	<b>Fiber-optic refractive index sensor based on surface plasmon resonance</b> <i>Petr HLUBINA, Dalibor Ciprian, Miroslava Kadulová</i>	



<b>09:30 – 09:45</b>	<b>Characterization of porous surfaces with spatial point pattern analysis</b> <i>Yibo ZOU, Markus Kästner, Eduard Reithmeier</i>
<b>09:45 – 10:00</b>	<b>A new technique to monitor the long term stability of an optoelectronic oscillator for sensing applications</b> <i>Toan Thang PHAM, Bernard A. Journet, Isabelle Ledoux-Rak</i>
<b>10:00 – 10:15</b>	<b>Diffusion of ammonia gas in PDMS characterized by ATR spectroscopy</b> <i>Petr Levinský, Ladislav KALVODA, Jan Aubrecht, Jaroslava Fojtíková</i>
<b>10:15 – 10:30</b>	<b>Temperature sensing using the spectral interference of polarization modes of a highly birefringent fiber</b> <i>Dalibor CIPRIAN, Miroslava Kadulová, Petr Hlubina, Pawel Mergo</i>
<b>10:30 – 11:00</b>	<b>Coffee Break</b>
<b>11:00 – 12:15</b>	<b>Optical sensors (Topic 2)</b> <span style="float: right;"><b>Chair: Vlastimil MATĚJEC</b></span>
<b>11:00 – 11:15</b>	<b>Optical properties of metallic nanoparticles trapped by arabinogalactan molecule</b> <i>Nikolai USHAKOV, Natalia B. Radchuk, Alexandr Y. Ushakov</i>
<b>11:15 – 11:30</b>	<b>Optical fiber sensors for measurement strain and vibration</b> <i>Břetislav MIKEL, Radek Helán</i>
<b>11:30 – 11:45</b>	<b>Active angular alignment of gauge block in double-ended interferometer for its calibration</b> <i>Zdeněk BUCHTA, Martin Šarbort, Šimon Řeřucha, Václav Hucl, Martin Čížek, Josef Lazar, Ondřej Číp</i>
<b>11:45 – 12:00</b>	<b>Fabrication of long-period fiber-grating sensors by low-pressure mercury lamp – Effect of hydrogen loading</b> <i>Toru MIZUNAMI, Yoshihisa Tashiro</i>
<b>12:00 – 12:15</b>	<b>Approaches for a compact laser beam analysis system</b> <i>Marcus BAUMGART, Gerhard Kroupa</i>
<b>12:15 – 12:45</b>	<b>Biophotonics (Topic 3)</b> <span style="float: right;"><b>Chair: Alex VITKIN</b></span>
<b>12:15 – 12:30</b>	<b>Optical spectral analysis of ultra-weak photon emission from tissue culture and yeast cells</b> <i>Michaela NERUDOVÁ, Jiří Hašek, Kateřina Červinková, Michal Cifra</i>
<b>12:30 – 12:45</b>	<b>Chemical modulation of the ultra-weak photon emission from <i>Saccharomyces cerevisiae</i> and differentiated HL-60 cells</b> <i>Kateřina ČERVINKOVÁ, Michaela Nerudová, Michal Cifra, Jiří Hašek</i>
<b>12:45 – 13:00</b>	<b>SPIE and CSSF Best Student Awards, Closing</b>