

Annual Student Chapter Report	
Name of Chapter: International Laser Centre Chapter	Number of members in the chapter : 15
Person completing Form/Contact: Jaroslava Joniova	Form completed on: 02.12.2014
Chapter established: 27.01.2012	
Names and E-mail addresses of chapter officers: Jaroslava Joniova, president, jaroslava.joniova@student.upjs.sk Anton Kuzma, vice-president, kuzma.anton@gmail.com Julia Horilova, secretary and treasurer, j.horilova@gmail.com Advisor: Alzbeta Marcek Chorvatova, alzbeta.chorvatova@ilc.sk	
Chapter activities since January 2014	
Accomplished chapter activities for the period of January 2014 till December 2014:	
March 05, 2014	Election of the Student Chapter Representatives. A vote for the Student chapter officers took place by email. President, vice-president, secretary and treasurer were elected by members.
May 25-30, 2014	Organizing refreshments at The School of Biophotonics. The School of Biophotonics took place for the second year in Kosice, Slovakia. It was oriented towards improving both theoretical and practical knowledge of doctoral students in advanced methods of biophotonics. The School was organized as a joint activity of Dept. of Biophysics, Faculty of Natural Sciences, University of P. J. Safarik in Kosice and the International Laser Centre in Bratislava (both in Slovakia) and was attended by 7 PhD students from 2 countries, including the student chapter members from University of P. J. Safarik. The lectures and practical training were given by internationally recognized experts in the field of Biophotonics; invited foreign speakers included prof. H. Van den Bergh, S.G. Kruglik and S. Sanchez Cortes. The course provided students with a set of lectures on recent advances in biophotonic research, namely optics and spectroscopy, imaging and time-resolved techniques, as well as their applications. The lectures were coherently supplemented with practical demonstrations of the respective experimental techniques. Dr A. Marcek Chorvatova explained the role of the ILC SPIE Student Chapter in Slovakia, and discussed opportunities that the SPIE society offers in regard to access to publications, participation to congresses and invitation of lecturers. ILC SPIE Student Chapter was an official partner of the event and supplied refreshments for students during the duration of the School.
June 2-4, 2014	Organizing refreshments at ADEPT conference. 2 nd international conference on Advanced in Electronic and Photonic Technologies (ADEPT 2014), organized by ILC and Slovak Technical University, took place June 1-6, 2014 in Hotel Sorea, High Tatras, Slovakia. ILC SPIE student chapter was an official partner of the event and organized coffee brake refreshments during the 4 days of the event. Number of attendees at this event reached 84, including the student chapter members from ILC and Slovak Technical University. From the attendees, 18 were abroad of Slovakia, namely China, Poland, Austria, Bulgaria and Czech Republic. Dr A. Marcek Chorvatova gave a special lecture, where she explained the role of the ILC SPIE Student Chapter in Slovakia, and discussed opportunities that SPIE society offers in regard to access to

	publications, participation to congresses and invitation of lecturers.
June 05, 2014	Visiting lecturer Prof. D.L. Andrews accepted an invitation of the ILC SPIE Student chapter and gave lecture on “Energy harvesting materials and devices: learning from how nature deals with photons.” 23 people participated to the lecture. In the afternoon, Prof. Andrews visited labs at ILC and discussed with students their work.
June 11, 2014	Optics outreach kit KHET2. ILC SPIE student chapter decided to apply for a new student chapter benefit, an educational kit Learning Optics Principles using laser game KHET 2 kit, which is since tested by individual members.
August 17-21, 2014	Member participation to SPIE meeting. Jaroslava Joniova applied and received the Officer Travel grant, which allowed her to attend SPIE meeting in San Diego, California and presented a contribution at the Conference on Biosensing and Nanomedicine VII. A proceeding article entitled “Incorporation of photosensitizer hypericin into synthetic lipid-based nano-particles for drug delivery and large unilamellar vesicles with different content of cholesterol” was published in Proceeding of SPIE 9166, 916604. Jaroslava also participated at the Student Chapter Leadership Workshop.

Future chapter activities planned for 2015:	<ol style="list-style-type: none"> 1. Election of new chapter officers deciding on activities and on the development of the SPIE Student Chapter website. 2. Organization and sponsoring of refreshments at the School of Biophotonics, scheduled in May 2015 in Kosice, Slovakia. 3. Organization of refreshments at the meeting on Advanced in Electronic and Photonic Technologies (ADEPT 2015), organized by ILC and Slovak Technical University, scheduled to take place in June 2015 in High Tatras, Slovakia. 4. Participation of a SPIE Student Chapter member at the SPIE meeting using the officer travel grant. 5. Invitation of a visiting lecturer.
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Use of chapter funds:

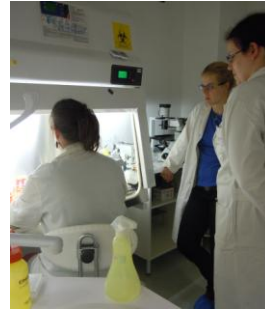
Item	Topic	Responsible	Amount
1.	Organization and sponsoring of refreshments at the School of Biophotonics, organized in May 2014 in Kosice, Slovakia: refreshments for students were supplied during the duration of the meeting.	Lucia Balogova	350 USD = 235.00 Euro
2.	Organization and sponsoring of refreshments at the meeting on Advanced in Electronic and Photonic Technologies (ADEPT 2014) in High Tatras, Slovakia: refreshments for students were supplied during the duration of the meeting.	Anton Kuzma	350 USD = 235.05 Euro
3.	Visiting lecturer seminar Prof. D.L. Andrews	Alzbeta Marcek Chorvatova	762.34 pounds = 1227 USD
4.	Jaroslava Joniova attended SPIE meeting in San Diego, California and present a contribution at the Conference on Biosensing and Nanomedicine VII.	Jaroslava Joniova	1800 USD

5.	Optics Outreach kit laser game KHET 2		N.D.
Total received		3727 USD	

List of current members of ILC SPIE Student chapter:

No	name	comment
1	Lucia Balogová	
2	Ludmina Blascakova	
3	Ludomir Curilla	
4	Ľudovít Haizer	
5	Julia Horilova	Secretary and Treasurer
6	Jaroslava Joniová	President
7	Jana Kubackova	
8	Anton Kuzma	Vice-president
9	Libor Ladanyi	Alumni from Aug 2014
10	Mária Maslaňáková	
11	Juraj Priesol	
12	Mamadou Seck	
13	Pavol Stajanca	
14	Alenia Strejckova	
15	Jaroslav Varchola	

Photo documentation from sponsored activities:



Photos from the School of Biophotonics 2014 in Kosice.



Photos from the Advanced in Electronic and Photonic Technologies (ADEPT 2014).

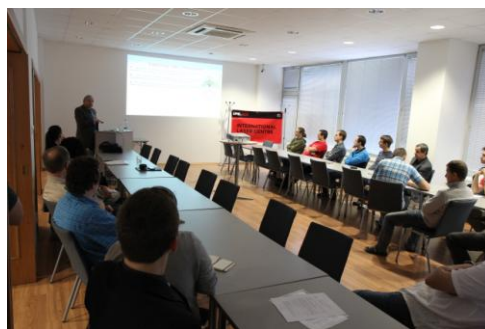
Special session

Thursday, June 5

" ENERGY HARVESTING MATERIALS AND DEVICES: LEARNING FROM HOW NATURE DEALS WITH PHOTONS "

Prof. David L. Andrews, Ph.D.

Professor of Chemical Physics, University of East Anglia Norwich, Nanostructures and Photomolecular Science Group



Announcement and photos from the visiting lecturer D.L. Andrews seminar at the ILC SPIE Student Chapter in Bratislava