

Annual Student Chapter Report	
Name of Chapter: International Laser Centre Chapter	Number of members in the chapter : 17
Person completing Form/Contact: Martina Petrencakova	Form completed on: 20.12.2017
Chapter established: 27.01.2012	
Names and E-mail addresses of chapter officers: Martina Petrencakova, president, martina.petrencakova@gmail.com Martin Valica, vice-president, martin.valica.mv@gmail.com Lenka Koptasikova, secretary, l.koptasikova@gmail.com Lubomir Curilla, treasurer, lubo.curilla@gmail.com Advisor: Alzbeta Marcek Chorvatova, Alzbeta.Marcek.Chorvatova@ilc.sk	
Chapter activities since January 2016 Accomplished chapter activities for the period of January 2017 till December 2017:	
March 2017	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.
April 2016	Optics kit 2017. ILC SPIE student chapter received 1 additional Optics kit at Optics and Photonics in San Diego that is now serving in the Department of Biophysics, Faculty of Natural Sciences, University of P. J. Safarik in Kosice.
May, 2017	Chapter officer travel grant to Martina Petrencakova. Thanks to Officer travel grant Martina had the possibility to attend SPIE Optics and Photonics 2017 in San Diego. During her stay she participated at student leadership workshop with facilitator Jean-Luc Doumont. She attended a lot of interesting talks, Job Fair and she also attended different social events (Optics Outreach Games, SPIE Awards Banquet).
May 22-31, 2017	Organizing refreshments at The School of Biophotonics. The Doctoral School of Biophotonics took place at the Department of Biophysics, Faculty of Natural Sciences, University of P. J. Safarik in Kosice. It was oriented towards improving both theoretical and practical knowledge of doctoral students in advanced methods of biophotonics. The School was attended by 11 PhD students from Univ. P. J. Safarika in Kosice, Slovak Academy of Sciences, or Charles University in Prague. The lectures and practical training were given by 10 recognized experts in the field of Biophotonics from Slovakia, including invited foreign speakers such as prof. G. Wagnieres, H. Van den Bergh, S. Sanchez Cortes and J. Nowak. The course provided students with a set of lectures on recent advances in biophotonic research, namely optical experiment, Optical and Raman spectroscopy, advanced microscopy and laser techniques, as well as their applications in medicine. The lectures were accompanied by individual projects performed at advanced biophotonics setups. Dr A. Marcek Chorvatova gave specialized lecture, where she also presented the role and advantages to join the ILC SPIE Student Chapter in Slovakia. ILC SPIE Student Chapter was an official partner of the event and supplied refreshments for students during the duration of the School.

<p>June 19-22, 2017</p>	<p>Organizing refreshments at ADEPT conference. 5th international conference on Advances in Electronic and Photonic Technologies (ADEPT 2017), organized by ILC and Slovak Technical University, took place June 19-22, 2017 in Podbanské, High Tatras, Slovakia. ILC SPIE student chapter was an official partner of the event and co-organized coffee break refreshments during the 4 days of the event. Number of presenters (oral or poster) at this event reached at about 90, including the student chapter members from Slovak Technical University and ILC in Bratislava, as well as Univ. Zilina; several attendees were from abroad of Slovakia, namely Poland, Czech Republic, Austria, Germany, Hungary, etc.</p>
<p>October 19, 2017</p>	<p>Day of Photonics and visit of Dr. Ghanshyam Singh in the framework of the SPIE visiting lecturer program on the 19th October 2017. The program took place at both, the International Laser Center and the Slovak Technical University in Bratislava. The program was attended by 31 participants. Dr. Singh presented a lecture entitled “Photonic Integrated Devices and Systems: Technology for next Generation Telecom Networks “. In addition to a lecture of Dr. Ryszard Buczynski on Optical fiber technology: new opportunities, the Day of Photonics was mainly designed to allow industrial partners (MicroStep, Kvant, Sylex, Prva Zvaracska) to present their projects to young researchers and students and allow discussions among them. Dr. A. Marcek Chorvatova also presented the ILC SPIE Student Chapter in Slovakia, as well as its role and activities. ILC SPIE student chapter was an official partner of the event and co-organized refreshments during these events</p>
<p>October 20, 2017</p>	<p>Supporting activities in the framework of the Open Day on the 20th October 2017. The program took place at the International Laser Center in Bratislava. The program was attended by at about 30 participants. Secondary school students visited research labs and discussed with researchers, while primary school children played games with light. ILC SPIE student chapter was an official partner of the event and co-organized refreshments during these events.</p>
<p>November 8, 2017</p>	<p>Workshop for secondary school students took place on the 8th November 2017 in the framework of the Week of Science in Slovakia at the University of St. Cyril and Methodius in Trnava. The workshop, attended by more than 250 students, included both, the lecture on “Light and light-based technologies” by Dr. A. Marcek Chorvatova, as well as practical experiments with light and electromagnetism performed by students in stands.</p>
<p>Future chapter activities planned for 2018:</p>	<ol style="list-style-type: none"> 1. Election of chapter officers, decision on activities and on the development of the SPIE Student Chapter website. 2. Sponsoring activities at the International Day of Light, around 16. May 2018, including Festival of light in Bratislava scheduled 23-24 March. 3. Organization and sponsoring of refreshments at the School of Biophotonics, scheduled in May/June 2018 in Kosice, Slovakia. 4. Sponsoring refreshments during the coffee breakes at the meeting on Advanced in Electronic and Photonic Technologies (ADEPT 2018), organized by ILC and Slovak Technical University, scheduled to take place in June 2018 in High Tatras, Slovakia. 5. Sponsoring of refreshments at the Day of Photonics 2018 and open days in October 2018 in Slovakia. 6. Participation of a SPIE Student Chapter member at the SPIE meeting using the officer travel grant. 7. Invitation of a visiting lecturer.

Use of chapter funds:			
Item	Topic	Responsible	Amount
1.	Organizing refreshments at The School of Biophotonics.	Lenka Koptasikova	159.25 Euro
2.	Organization and sponsoring of refreshments at the meeting ADEPT 2016 in High Tatras, Slovakia.	Ludovit Haizer	159.25 Euro
3.	Supporting refreshments at the Day of Photonics, open days and workshops	Lubomir Curilla and Martin Valica	253.25 Euro
4.	Print material	Lubomir Curilla	65.71 Euro
4.	Officers travel grant	Martina Petrencakova	1800 USD
5.	Visiting lecturer Dr. G. Singh	Ludovit Haizer	Reimbursement of travel and accommodation
6.	Optics Outreach kit	Martina Petrencakova	Free of charge
Total received by ILC SPIE Student Chapter			637.46 Euro

List of current members of ILC SPIE Student chapter:

No	name	comment
1	Lubomir Curilla	Treasurer
2	Zuzana Dicáková	
3	Eva Dušeková	
4	Matej Goraus	
5	Ludovít Haizer	
6	Michal Hanic	
7	Julia Horilova	
8	Peter Juhasz	
9	Annamária Jutková	
10	Katarína Kopcová	
11	Lenka Koptasikova	Secretary
12	Lenka Lenkavská	
13	Michal Nemergut	
14	Martina Petrencáková	President
15	Tibor Teplicky	
16	Jan Uhrík	
17	Martin Valica	Vice-president

Photo documentation from sponsored activities:



Photos from the Doctoral School of Biophotonics 2017, taking place at the Department of Biophysics, UPJS, Kosice.



Photo from the Advanced in Electronic and Photonic Technologies (ADEPT 2017) in High Tatras.



Visit of Dr. Ghanshyam Singh in October 2017, using the SPIE Visiting lecturer program, during the Day of Photonics in STU and MLC Bratislava.



Photos from the Open Day of ILC 2017, Bratislava.



Workshop for secondary school students at the Faculty of Natural Sciences, University of St. Cyril and Methodius, Trnava.