

Annual Student Chapter Report	
Name of Chapter: International Laser Centre Chapter	Number of members in the chapter : 7*
Person completing Form/Contact: Martina Petrencakova	Form completed on: 11.12.2018
Chapter established: 27.01.2012	
Names and E-mail addresses of chapter officers: Michal Nemergut, president, michal.nemergut@gmail.com Annamaria Jutkova, vice-president, annamaria.jutkova@gmail.com Tibor Teplicky, secretary, t.teplicky@gmail.com Tibor Teplicky, treasurer, t.teplicky@gmail.com	
Advisor: Alzbeta Marcek Chorvatova, Alzbeta.MarcekChorvatova@ilc.sk	
<p>*In 2018, several students of the chapter finished their Ph.D. Consequently, the number of members in the chapter felt suddenly in August 2018. We have done great effort this year to present to new doctoral students the advantages to join the ILC SPIE student chapter at most of the organized events and we are currently doing recruitment in order to attract new members to the chapter.</p>	
Chapter activities since January 2018	
Accomplished chapter activities for the period of January 2018 till December 2018:	
March 2018	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.
June 2018	Optics outreach kit 2018. ILC SPIE student chapter received 1 optics outreach kit in 2018, Laser KHET game that served at several occasions for students and young scientists, namely at the Day of Photonics and Open day of ILC.
May 30- June 1, 2018	Organizing refreshments at The Symposium of Slovak Biophysics Society. The Symposium of the Slovak Biophysics Society (SKBS) took place in the Theological faculty of the Catholic University in Kosice 30.5-1.6.2018. The symposium attended 50 attendees, many of which were doctoral students. The lectures presented current advances in biophysics, including photophysics, photochemistry and photobiology, as well as biosensors and nanobiotechnologies. Congress also questioned best approaches to take in the education and research in the field of Bioimaging. Dr A. Marcek Chorvatova gave a 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.
June 18-21, 2018	Organizing refreshments at ADEPT conference. 6 th international conference on Advances in Electronic and Photonic Technologies (ADEPT 2018), organized by Slovak Technical University and ILC, took place June 18-21, 2018 in Tatranska Lomnica, 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 65, including doctoral students. Several attendees were from abroad of Slovakia, namely France, Poland, Czech Republic, Austria and Germany.

<p>June 20-22, 2018</p>	<p>Supporting in part conference refreshments at the Laserlab user training workshop on Time-Resolved Techniques (TReT). The TReT workshop was organised jointly by the ILC Bratislava and BiOCEV in Vestec near Prague in the framework of the Laserlab-Europe User Community Training schools. The workshop was focused at the emerging time-resolved technologies and their applications in medicine, biology, chemistry, as well as material and sensoric sciences. It was attended by 20 doctoral students and potential users from 6 countries, as well as 13 speakers including 4 representatives from 3 industrial companies. The lectures were accompanied by individual projects performed at advanced biophotonics setups. Dr A. Marcek Chorvatova gave specialized lecture and she also presented the role and advantages to join the ILC SPIE Student Chapter in Slovakia and invited new members to become a part of the chapter. ILC SPIE Student Chapter was an official partner of the event and partially supported conference refreshments.</p>
<p>October 18, 2018</p>	<p>The Open Door's Day of ILC took place in Bratislava on the 18th October 2018 before noon. The program took place at the International Laser Center in Bratislava. The program was attended by about 30 primary and secondary school students. The participants visited research labs and assisted at light experiments, played light games and discussed with researchers. ILC SPIE student chapter was an official partner of the event and co-organized refreshments during these events.</p>
<p>October 18, 2018</p>	<p>The Day of Photonics at ILC was held in Bratislava on the 18th October 2018 in the afternoon. The event took place at both, the ILC and the Slovak Technical University. The program was focused at "Groundbreaking inventions in the field of laser physics in the 21st century" in line with the Nobel Prize in Physics 2018. Both, invention and applications of optical tweezers and method of generation of high-intensity ultra-short optical pulses was presented and discussed, together with their impact in creation of big European infrastructures and opportunities they brought. The program was attended by 27 participants. Dr. A. Marcek Chorvatova held special lecture on the ILC SPIE Student Chapter in Slovakia, where she presented its role and activities and invited new doctoral students to join. ILC SPIE student chapter was an official partner of the event and co-organized refreshments during these events</p>
<p>November 07, 2018</p>	<p>Workshop for secondary school students took place in Trnava on the 7th November 2018 in the framework of the Week of Science in Slovakia at the Faculty of Natural Sciences, University of St. Cyril and Methodius. The workshop, attended by more than 80 students, included both, the lecture on "The mysterious world of light" by Dr. A. Marcek Chorvatova and Dr. T. Teplicky, as well as practical experiments with light and electromagnetism performed by students in stands.</p>
<p>December 04, 2018</p>	<p>The Day of Photonics at Zilina University was held in Zilina on the 04th October 2018. The event took place in the afternoon at the Department of Physics of University of Zilina and included specialised lectures on Photonics, Photonics structures in nature, as well as on their applications in endoscopy. During the Day, research work of the UZ students in the field of Photonics and practical presentations were also presented to about 35 participants. At the meeting, Prof. D. Pudis presented the role and activities of ILC SPIE Student Chapter in Slovakia and invited new doctoral students to join.</p>

Future chapter activities planned for 2018:	<ol style="list-style-type: none"> 1. Election of chapter officers, decision on activities. 2. Sponsoring activities at the International Day of Light, by 16. May 2019. 3. Organization and sponsoring of refreshments at the Training school on Multimodal Optical Imaging, scheduled in May/June 2019 in Kosice, Slovakia. 4. Sponsoring refreshments during the coffee breakes at the meeting on Advanced in Electronic and Photonic Technologies (ADEPT 2019), organized by ILC and Slovak Technical University, scheduled to take place in June 2019 in High Tatras, Slovakia. 5. Sponsoring of refreshments at the Day of Photonics 2019 and open days in October 2019 in Slovakia, including Festival of light in Bratislava scheduled in September/October 2019. 6. Participation of a SPIE Student Chapter member at the SPIE meeting using the officer travel grant. 7. Invitation of a visiting lecturer.
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Use of chapter funds:			
Item	Topic	Responsible	Amount
1.	Organizing and sponsoring of refreshments at Symposium of SKBS.	Annamaria Jutkova	139.00 Euro
2.	Organization and sponsoring refreshments at the meeting ADEPT 2018.	Michal Nemergut	139.00 Euro
3.	Supporting refreshments at the TRet workshop in BIOCEV	Tibor Teplicky	151.37 Euro
4.	Supporting refreshments at the Days of Photonics, open days and workshop	Tibor Teplicky	253.25 Euro
4.	Officers travel grant		Non used**
5.	Visiting lecturer		Non used**
6.	Optics Outreach kit	Tibor Teplicky	Free of charge
Total received by ILC SPIE Student Chapter			682.62 Euro

** this year, due to many students finishing their Ph.Ds there was not availability of students to participate at conferences using the officer travel grant and/or to organise the visit of the visiting lecturer. We will do our best to correct this next year.

List of **current members** of ILC SPIE Student chapter:

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

*** students that started with chapter, but finished their studies in August 2018

Photo documentation from sponsored activities:



Photos from the Symposium of the Slovak Biophysics Society 2018, taking place 30.5-1.6 in Kosice.



The Advanced in Electronic and Photonic Technologies (ADEPT 2018) 18-21.6 in High Tatras.



The TRet Workshop 2018 in BIOCEV 20-22.6.



The Open Door's Day, of ILC 18.10. in Bratislava.



Photos from the Day of Photonics 2018, in STU and MLC Bratislava, 18.10.



Workshop for secondary school students at the Faculty of Natural Sciences, University of St. Cyril and Methodius, Trnava, 07.11.



Day of Photonics in University of Zilina, 4.12.