



Student Chapter Report

June 2013-May 2014

Name of Chapter:

SPIE Student Chapter at Ivan Franko Lviv National University

Person Completing Form/Contact:

Tanya Dumych, Elected Vice President (2013-2015)

E-mail: t.shkandina@gmail.com

1. Members and Officers:

Number of members: 16 (15 students + 1 Alumni)

Chapter Officers elected for the next Academic year (May 2014-May 2015):

President: Vasyl Syrvatka, vasyllko@gmail.com

Vice President: Tanya Dumych, t.shkandina@gmail.com

Treasurer: Ivan Bordun, ua_007@yahoo.com

Secretary: Volodymyr Virt, djamal_vova_virt@ukr.net

Chapter Advisor: Dr. Alexander Bilyi, bilyi@electronics.lnu.edu.ua

2. List of current Student Chapter Members:

Total Student Members: 15

Name	Expires
Bohdan Bordun	2 March 2015
Ivan Bordun	13 February 2015
Daryna Buts	28 March 2015
Vira Chumak	11 May 2015
Tanya Dumych	9 April 2015
Olexander Karmash	2 May 2015
Max Kitsera	11 February 2015
Marian Kushnirevych	19 March 2015
Olga Maslovska	26 March 2015
Marta Overchuk	9 August 2014
Oksana Potopnyk	13 April 2015
Nataliia Stetsyk	18 March 2015
Vasyl Syrvatka	29 March 2015
Volodymyr Virt	19 May 2015
Daryna Zevako	28 March 2015

Total Alumni: 1

Name	Graduation Date
Rostyslav Bilyy	Jul 2007

3. Chapter activities:

1. We have recruited 3 new members and increased the number of chapter members to 16 members.
2. Marta Overchuk, President of SPIE Ivan Franko National University of L'viv Chapter, received Officer Travel Grant in 2013. She visited Student Chapter Leadership

Workshop 2013 during SPIE Optics+Photonics, 25–29 August 2013, San Diego, where she presented the activities of our Chapter.

3. We have launched a new web-site, joint with OSA Student chapter: <http://ivanfrankolviv.osahost.org> and updated our library subscriptions.
4. We were involved in the organization of the visit of Prof. Eustace Dereniak, Past SPIE President, to our chapter, presenting the lecture about “**Snapshot Imaging Spectrometer** “. Details are at our web-site: <http://ivanfrankolviv.osahost.org/?p=78> and at SPIE.org: <http://spie.org/x103618.xml>
5. Student members were involved in performing a set of demonstration to youth entitled under general name “Amazing Optics”, during the Science Festival in September 2013. Our aim was to increase the awareness of optics. Our target audience were school students and first-grade students. <http://ivanfrankolviv.osahost.org/?p=156>. This outreach event was visited by at least 100 young persons.
6. We performed a set of lectures about microscopy and its possibilities within an OSA grant in our joint SPIE/OSA chapter, at least 90 people have visited this lectures.
7. During reporting period there were 8 Chapter meeting. The meetings are usually arranged last Thursday of the month (regular), additional meetings are arranged when needed.

4. Planned activities:

1. We plan to perform a recruitment event as a competition for best student presentation of their scientific work with some valuable prizes.
2. We plan to perform an out-of class education for students demonstrating the influence of LED light on photosynthesis and of different types of illumination on plant growth, also demonstrating its energy efficiency.

5. Financial information (for year 2013-2014):

Beginning balance - \$0.

Funds obtained from SPIE - \$700.

Funds expended: \$700

Details:

	\$
Library subscriptions	200
Organization of Chapter meeting and lectures	180
Demonstration of amazing optics experiments to school students (14-16 y.o) (including demonstration materials, printouts, posters, etc)	250
Transportations	50
Bank expenses and office supplies	20
Total	700

Other sources: none

Ending balance - \$0.

<http://spie.org/x103618.xml>

Earlier in the week, Dereniak also visited the [SPIE Student Chapter of Ivan Franko National University of L'viv](#), where he presented a talk on "Novel imaging spectrometers."



From left are **Rostyslav Bilyy** (alumnus and first president of the student chapter, from 2005 to 2007), **Vasyl Syrvatka** (secretary), **Tanya Dumych** (vice president), **Andriy Tomin** (past president), **Alexander Bilyi** (chapter advisor), and Dereniak. Not pictured is chapter president **Marta Overchuk**. The group is based in the Biomedical Institute of L'viv University.

The demonstration, developed by us, showing How one can use a prism and laser pointer to demonstrate refraction, dispersion and many other... It was shown for kids during outreach activity.

