

## SPIE Student Chapter Report 2012-2013

New-elected Chapter Officers:

- **Advisor:** Dr. Sergey A. Babin, [babin@iae.nsk.su](mailto:babin@iae.nsk.su)
- **President:** Ilya Vatnik, [ilya.vatnik@gmail.com](mailto:ilya.vatnik@gmail.com)
- **Vice President:** Maxim Politko, [politko.nsu@gmail.com](mailto:politko.nsu@gmail.com)
- **Secretary:** Ekaterina Zlobina, [zlobinakaterina@gmail.com](mailto:zlobinakaterina@gmail.com)
- **Treasurer:** Ekaterina Dontsova , [ekaterina.dont@yandex.ru](mailto:ekaterina.dont@yandex.ru)

List of current members:

- [Ivan Boldov](#)
- [Ekaterina Dontsova](#)
- [Ilia Nemov](#)
- [Aliya Karimova](#)
- [Svetlana Kurilko](#)
- [Konstantin Okotrub](#)
- [Valeria Popova](#)
- [Victor Shishkin](#)
- [Ilya Vatnik](#)

## Chapter's Activities (September 2012 – September of 2013):

- Maxim Politko received Officer Travel Grant and participated in the SPIE Student Chapter leadership workshop 2013 in San Diego
- Organization "Khet 2.0" tournament among students.
- Organization lectures on physics for schoolboys.



- Ekaterina Zlobina participated in CLEO Europe 2013.
- Members of the Chapter participated in various serious conferences on Optics held in different parts of the World: Russian conference on fiber Optics (Perm, Russia), 6<sup>th</sup> International Symposium on Modern Problems of Laser Physics (Novosibirsk, Russia), International Laser Physics Workshop LHYS'13 (Prague, Czech Republic), International Scientific Student's Conference (Novosibirsk, Russia)
- Ekaterina Zlobina and Ekaterina Dontsova participated in Winter College on Optics 2013 in Triest (Italy). Their posters was presented, Ekaterina Zlobina received an award for the 3rd place in poster session.
- Excursions to optics laboratories of the Institute for younger students and schoolboys were held by chapter's members.
- Members of the Chapter published several papers in leading Russian and World scientific journals: Optics Letters, Laser Physics Letters, Nature, Quantum Electronics and some other.
- Chapter's members organized about 16 Quantum Optics Seminars in Institute for Students and Scientists. The lectures were about last achievements in optics. (website <http://www.iae.nsk.su/index.php/ru/seminars-and-conferences/seminar-quantum-optics> in Russian)
- Games were played in Optical Soccer League.

## Planned activities (September 2011 - September 2012)

- Organization conference Photonics and Optical Technology – 2014 with optical tutorial. (April 2014)
- Organization meeting with noted scientists under the Russian Fiber Optics Seminar 2014
- Organization open lectures for schoolboys on physics and chemistry. (May 2014)
- Preparing and participation in the International Scientific Student's Conference organized by Novosibirsk State University. (April 2014)
- Organization of excursions to Akademgorodok laboratories (Siberian scientific center) for younger students. (Winter-spring 2014)
- Preparing the Quantum Optics Seminars in the Institute. (During the year)
- Participation in Student Chapter Leadership Workshop 2014. (August 2014)
- Attracting new members. (In the course of year)

## Financial information

Beginning balance – 500\$ (Activity Grant)

- lectures for schoolboys on optics mechanics (materials and transportation) – 400\$.
- Help to members for involvement in conferences –100\$.

Ending balance – 0\$