

SPIE Student Chapter Report 2011-2012

New-elected Chapter Officers:

- **Advisor:** Dr. Sergey A. Babin, babin@iae.nsk.su
- **President:** Kate Zlobina, zlobinakaterina@gmail.com
- **Vice President:** Kate Dontsova, ekaterina.dont@yandex.ru
- **Secretary:** Maxim Politko, politko.nsu@gmail.com
- **Treasurer:** Ilya Vatnik, vatnik_i@mail.ru

List of current members:

Ivan Boldov
Ekaterina Dontsova
Aliya Karimova
Alla Khalipskaya
Denis Kharenko
Maxim Politko
Valeria Popova
Victor Shishkin
Victor Simonov
Ilya Vatnik
Alexey Wolf
Ekaterina Zlobina
Svetlana Kurilko
Konstantin Okotrub
Mikhail Yakovin

Chapter's Activities (September 2011 – September of 2012):

1. Organization of youth scientific competition-conference "Photonics and Optical Technology 2012" with oral and poster sessions, business tutorial, coffee-breaks, and prizes. This year our conference passed jointly with "Russian Fiber Lasers Seminar", it has permitted to take a lot of tutorials for students and to get interesting informal communication with great scientist. (website www.potcon.ru in Russian)
2. Our member Kate Zlobina received SPIE grant and participated in conference «SPIE Photonics Europe 2012» with oral presentation.



(Kate Zlobina the second at the left)



3. We organized Optical “Khet” tournament between young scientists and students of Siberian Branch Russian Academy of Science. KHET was bought in internet by our chapter. It was new event, so TV reporters had come and had been doing TV topic about us. (<http://news.ivist.kz/news/8635110>)
4. We organized excursion to plant on production of optical fibers in Berdsk (Russian city near Novosibirsk):



5. Chapter members had carried out a lot of lectures for schoolboys. We used to show some experiments with optical elements, light sources, etc.
6. "Laser tag" tournament was organized by our chapter in the capacity of optical game after conference. It was impressive final for students meeting.



Laser guns



7. Chapter website was done.
8. New members was attracted to our chapter: Aliya Karimova, Ivan Boldov, Alla Khalipskaya, Victor Shishkin, Alexey Wolf, Svetlana Kurilko, Konstantin Okotrub, Mikhail Yakovin

Planned activities (September 2012 - September 2013):

1. To place our chapter site in a network.
2. Organization conference Photonics and Optical Technology – 2013 with optical tutorial. (February 2013)
3. Organization "Khet" tournament among students and young scientists in Institute of Automation and Electrometry. (February 2013)
4. Presentation "Khet" game in Novosibirsk State University. (April 2013)
5. Organization "Khet" tournament between schoolboys (10-15 years old)

6. Participation in Student Chapter Leadership Workshop 2013.
7. Attracting new members. (In the course of year)

Financial information

Beginning balance – 500\$ (Activity Grant)

- Organization conference “Photonics and Optical Technology” – 2011: conference proceedings – 190\$.
- 12 optical kits for schoolboys (with lenses, prism, light sources, etc.) – 200\$.
- “Laser tag” tournament – 110\$.

Ending balance – 0\$