

SPIE Student Chapter Report

Institute of Automation and Electrometry

2010 Chapter Officers:

- **Advisor:** Dr. Sergey A. Babin, babin@iae.nsk.su
- **President:** Ivan Lobach, lobach_ivan@gorodok.net
- **Vice President:** Ivan Shelemba, ivan.shelemba@gmail.com
- **Treasurer:** Vladimir Akulov, akulov_v@gorodok.net
- **Secretary:** Alexey Kuznetsov, leks.kuznecov@gmail.com

List of members:

- Ivan Lobach
- Ivan Shelemba
- Alexey Kuznetsov
- Denis Kharenko
- Andrei Denisov
- Alexander Dolgushin
- Kate Donsova
- Kate Zlobina
- Vladimir Akulov
- Ilya Vatnik
- Victor Simonov
- Alexandr Dostovalov
- Ilya Nemov
- Vyacheslav Chubakov
- Dmitriy Churin
- Nikita Fedorov

Chapter's Activities (2009 – beginning of 2010)

- International Scientific Student's Conference was held. More than 20 reports were presented by students. IAE Administration appropriated \$500 for prizes and coffee-breaks. More than 50 students were involved.
- Conference Photonics and Optical Technology was held. The conference consisted of 3 sections: Optics and Photonics, Opto-Informational Technology, Optical Technology for Bio-Medicine and Material Science. 40 reports were presented by students and Ph.D. students. Four invited lectures on Optics were delivered by Dr. Sergey M. Kobsev, Dr. Ilya I. Ryabsev, Dr. Valeriy P. Malsev and Andrey E. Lapin. \$3000 received from OSA, Carl Zeiss and IAE Administration for prizes and coffee-breaks. More than 100 students were involved.
- Training "Success in Science" was held.
- Attracted several new members. Six invited lectures on Business, Innovation in Science, Oral presentation, English Lettering were delivered by the Specialists from NSU, Institutes of SB RAS and Novosibirsk Industrial Park
- 21 games were played in Optical Soccer League. Players of the Soccer Teams were students and scientists.
- Chapter's Journey to the Ski Resort "Kluchi" was held.
- Members of the Chapter participated in various students contests on Optics held by NSU and NSTU and won most of prizes.
- Members of the Chapter participated in various conferences on Optics held in different parts of Russia (Ufa, Perm, Vladivostok, Novosibirsk, Tomsk, Kazan and other).
- Members of the Chapter published several papers in leading Russian and World scientific journals.
- More than 10 seminars devoted to the research activity were delivered by students of the Chapter.
- Excursions to optics laboratories of the Institute for younger students and schoolboys were held
- New Officers were elected.

Planned activities (2010)

- Preparing and participation in the International Scientific Student's Conference organized by Novosibirsk State University.
- Preparing the Quantum Optics Seminars in the Institute.
- Attracting new members.
- Cooperation with other Chapters from Novosibirsk and nearest towns.
- Creation Optics Volleyball League.
- Organization of excursions to optics laboratories of the Institute for younger students



Kate Zlobina splices fibers



Ivan Shelemba (right) and Olivie Tosoni from France (left) after the conference.



Conference Photonics and Optical Technology. In front – Alexander Dostovalov



Ivan Lobach (left) and his supervisor Dr. Sergey I. Kablukov (right)



Participant of the conference Photronics and Optical Technology