

REPORT

SAMARA STUDENT CHAPTER

JULY, 2007– NOVEMBER , 2008

Samara Student Chapter members:

1. Mr. Kirill Afanasiev
2. Mr. Pavel Kharsky
3. Mr. Alexander Korobtsov
4. Mr. Ruslan Kozlov
5. Mr. Pavel Timchenko
6. Ms. Tatyana Ventslavovich
7. Ms. Elena Vorobiova
8. Mr. Evgeny Vorontsov
9. Ms. Margarita Rusakova
10. Ms. Ekaterina Chernyshova

Former Members:

1. Mr. Maxim Boldyrev

Officers:

Mr. Evgeny Vorontsov	President	vorontsoven@fian.smr.ru
Ms. Margarita Rusakova	Vice-President	margarita__@mail.ru
Mr. Pavel Kharsky	Secretary	pashh@rambler.ru
Mr. Kirill Afanasiev	Treasurer	afanasiev@fian.smr.ru
Dr. Svetlana Kotova	Chapter Advisor	kotova@fian.smr.ru

Chapter activities for the reporting period:

1. Three oral reports were delivered by Pavel Kharsky, Alexander Korobtsov and Evgeny Vorontsov at the 5th Samara Regional Contest - Conference of Scientific Works Performed by Students and Young Researchers in Optics and Laser Physics, 2007, Nov 21-23.
2. Dr. Svetlana P. Kotova and Evgeny Vorontsov were attendants of the XI Scientific School "Waves-2008" participating there with their oral reports.
3. The reports of Elena Vorobiova and Pavel Timchenko were declared winners of the Contest of Scientific Investigations of Young Researchers "UMNIK-2008".
4. Margarita Rusakova participated in the Photonics West 2008 and Saratov Fall Meeting 2008 with two oral reports.
5. Our chapter is taking part in the educational program that has been jointly initiated by the NEMO (Network of Excellence on Micro-Optics) and the Vrije Universiteit Brussel student chapter.
6. The members of our chapter participated in organization of the Samara Regional Festival of Physics and Mathematics for Schoolchildren' 2008.
7. Kirill Afanasiev participated in the MEPHI Scientific Session – 2007 (Moscow, Russia) with his oral report
8. The Chapter greatly assisted with the organization of the All-Russia Conference 6th Samara Contest for Scientific Works Performed by Students and Young Researchers in Optics and Laser Physics, 2008, Nov 19-21

9. A number of excursions at the laboratories of the Samara Branch of Lebedev Physical Institute have been organized by the Chapter for schoolchildren of Samara.
10. Samara Student Chapter organized a Photo-Contest within the 5th Samara Regional Student Conference.
11. The Chapter organized an interesting meeting of students and researchers of the Samara Branch of the Lebedev Physical Institute with a well-known Russian test pilot, cosmonaut and Hero of Russia, Mr. S.V. Avdeev
12. The Chapter members prepared several exhibits for the Demonstration Laser Centre of Optics and Laser Physics at the Samara Branch of the Lebedev Physical Institute. They demonstrate principles of holography and phenomenon of total internal reflectance.

Planned Activities:

1. Organization of excursions and public lectures
2. Attendance of Conferences
3. Work with student to improve their knowledge in optics
4. Organization of the Photo Contest
5. Further work for the Demonstration Laser Centre for Optics and Laser Physics at the Samara Branch of the Lebedev Physical Institute

Financial Information:

Starting balance: \$500.

Ending balance: \$57.

Common funds raised and expenditures:

- \$120 – Expenses related with getting a US visa (Afanasiev)
- +\$500 – 2007 Chapter activity grant
- \$25 – Payment for interpreter assistance
- \$183 – Expenses related with getting a US visa (Korobtsov)
- \$144 – Purchasing of 3 artistic holograms for exposition at the Demonstration Laser Centre for Optics and Laser Physics
- \$372 – Purchasing of 3 shelves for the Chapter library
- \$35 – Meeting with S.V. Avdeev
- \$57 – Books for the Chapter library

Personal funds raised:

\$1000 – Scholarship – Evgeny N. Vorontsov

Photo-report from the 5th Samara Regional Contest - Conference for Scientific Works Performed by Students and Young Researchers in Optics and Laser Physics, Samara, 2007, Nov 22-24

Our invited lecturers



Dr. Valery D. Nikolaev, Samara Branch of P.N. Lebedev Physical Institute (Samara)



Dr. Alexander N. Starodub, Professor, Deputy Director of Quantum Radiophysics Department of the P.N. Lebedev Physical Institute (Moscow)

Our experts



Dr. Nonna E. Molevich, Samara Branch of P.N. Lebedev Physical Institute (Samara)



Dr. Nikolay P. Kozlov and Dr. Valentina A. Zhukova, associate professors of Samara State University (Samara)



Dr. Vladimir S. Kazakevich, Deputy Director of Samara Branch of P.N. Lebedev Physical Institute (Samara)



Dr. Arkady Z. Grasyk, Professor of Moscow State University (Moscow) and Senior researcher of P.N. Lebedev Physical Institute, (Moscow)



Winners of Scientific Contest

Photo-report from meeting with the test pilot, cosmonaut and Hero of Russia Avdeev S.V.



Test pilot, cosmonaut and Hero of Russia
Sergey V. Avdeev



Sergey V. Avdeev tells about his life at the international space station MIR



A group Of participants of the meeting