

TAURIDA NATIONAL V.VERNADSKY UNIVERSITY
SPIE STUDENT CHAPTER REPORT
(May 2008 – April 2009)

<http://www.vortex.crimea.edu/spie>





by: Sokolenko Bogdan

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SPIE Student Chapter Officers

All opportunities on use of rights of members SPIE in educational and scientific fields were shown. Elections of the most active members are executed for the organization of work of our Chapter.

Current Chapter officers:

President: Bogdan Sokolenko
simplexx.87@gmail.com

Vice President: Olga Karakchiyeva
optical-vortex@narod.ru

Secretary: Olga Tovkus
optical-vortex@narod.ru

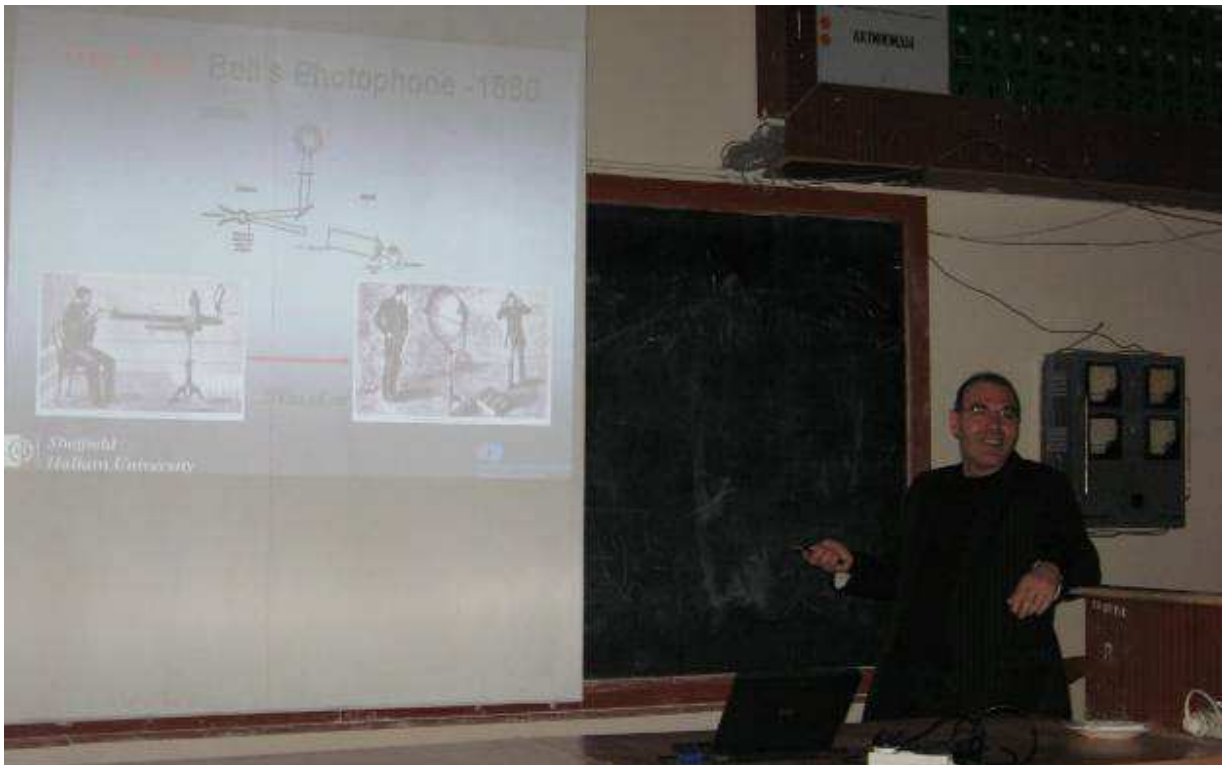
Treasurer: Nataliya Shostka
nataliya_shostka@mail.ru

CHAPTER ACTIVITIES:

13-14 May 2008

Visit of Prof. Mauro Pereira to our SPIE Student Chapter in Simferopol (13-14 May 2007)

Lecture Title: Advanced Simulation of Quantum Cascade Lasers and Light-Intersubband Excitation Coupling in Microcavities: Polaritons vs Antipolaritons.



18 June 2008

Subject: “Trajectories of vortex-beams in anisotropic media”

Speaker: Yuriy A. Egorov, Ukraine, TNU

16-26 September 2008

We were organized the International Conference “Singular Optics’08 (Optical Vortices) – Fundamentals and Applications” with Annual Young Student’s Workshop in September 2008 with will take place in Crimea, Ukraine.

The purpose of the conference and the workshop is: it will not only help the students from Ukraine and other countries to get to know each other, but also will provide them with a useful baggage of knowledge and skills necessary to make a successful career in science. Being run directly before the SO'08, our Workshop will help young conference participants to fully integrate themselves into the main event.

Conference Co-Chairmans:

Prof. Michael V. Berry

Bristol University, Bristol, UK

Prof. Marat S. Soskin

Institute of Physics of National Academy of Science, Kyiv, Ukraine

Prof. Alexandr V. Volyar

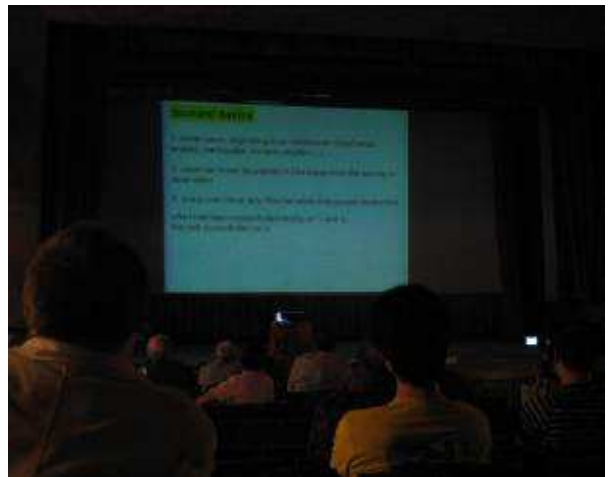
Taurida National University, Simferopol, Ukraine

The student chapter of our University took part n this Conference in poster section.

Also this program of the event was consisted of the invited lectures and tutorials given by the guest speakers (Ukraine, Russia, UK, Poland etc.).

Speaker: Invated SPIE-OSA lecturer,
Prof. Michael V. Berry. Bristol
University, Bristol, UK

Subject: “Tsunami asymptotics”



“Singular Optics’08”



Also, we visited Livadiya palace in Yalta.





A student Chapter of Taurida National University with Sir Michel Berry:





23 October 2008

Subject: “Bottle beams in crystals”

Speaker: V.G. Shvedov, (INVITED) General Physics Department, Taurida National V.I. Vernadsky University, Simferopol, Crimea, Ukraine

18 November 2008

Subject: “Dark Soliton”

Speaker: I. V. Dzedolik, General Physics Department, Taurida National V.I. Vernadsky University, Simferopol, Crimea, Ukraine

10 December 2008

Subject: “Realization of differential polarimeter on Delphi”

Speaker: T. A. Fadeyeva, General Physics Department, Taurida National V.I. Vernadsky University, Simferopol, Crimea, Ukraine

20 February 2009

Subject: “Laser resonators”

Speaker: A.M. Bukov, General Physics Department, Taurida National V.I. Vernadsky University, Simferopol, Crimea, Ukraine



26 Marth 2009

Subject: “Methodics of teaching on optics to the students of economic faculty”

Speaker: V. Shostka, General Physics Department, Taurida National V.I. Vernadsky University, Simferopol, Crimea, Ukraine

April 2009

The Meeting “Days of Science”

The SPIE student members displayed the experiments, the information posters and distribution of materials highlighting Ukrainian and international educational resources available to the SPIE Student members.

All SPIE TNU students took part in this meeting with oral reports. The meeting thames: Optical reducer of a vortex angular displacement via a system of uniaxial crystals; Measuring of orbital angular momentum is in a uniaxial crystal.

It was plenary oral report by prof. Volyar (chapter advisor) for students of University.

At this time, there are 12 students listed in our SPIE Student Chapter.

List of all current student members of SPIE Student Chapter of Taurida National V.I. Vernadsky University:

National V. Vernandsky University:

1. Bogdan Sokolenko
2. Olga Karakchieva
3. Elizoveta Volobueva
4. Pavel Anishenko
5. Anna Kovaleva
6. Viacheslav Mikhailov
7. Anna Chupila

8. Olga Tovkus
9. Janna Gubenko
10. Valeriy Suslov
11. Alexei Shubin
12. Natalia Shostka

Details of planned activities for the future:

September 2009

We'll organize the International Conference Young Researchers Workshop. It will be held as a part of the Eighth International Conference "Correlation Optics" (CO'09), which will take place in Chernivtsi, Ukraine on September 2009. The purpose of this Workshop is both academic and social: it will not only help the students from Ukraine and other countries to get to know each other, but also will provide them with a useful baggage of knowledge and skills necessary to make a successful career in science.

Financial information:

1. SPIE provides funding to our Student Chapter in 2008.

Beginning balance on 2008 - \$130;

In 2008 we got Collaborative Conference Grant (1000 dollars) for the organization Student Section of 4th International Conference "Singular Optics'2008: Fundamentals and Applications" (SO'08)" which was place at Alushta, Ukraine on 20-23 of September 2008.

- . \$100– for a print of colour information posters and announcements prior the event;
- . \$200 – print conference program, book of abstracts, notebook with SPIE logos; DVD disks with scientific movies; pens with logos of Conference;
- . \$60 – transport from Simferopol to Alushta by bus;
- . \$300 – travel grant for 5 students from Odessa National University and Kyiv National University;
- . \$110 – 2 Coffee-breaks and pizza party after the end of 1st day of conference;
- . \$170 – excursion to Eski-Kermen (Ancient Crimea city);

- . \$ 30 – lease multimedia projector for conference reports;

Ending balance after conference - \$160;

- . \$100 – travel grant for Kirilo Kotlyarov and Olga Karakchiyeva for taking part at “4th International conference on advanced optoelectronics and lasers, CAOL’2008”
- . \$30 – advertisement materials of TNU SPIE Student Chapter for students of Physical, Chemistry and Biological Departments of Taurida National University.

Ending balance - \$30;

2. Others SPIE funding to our Students in 2008-2009.

SPIE provides funding to our Student Chapter in 2009.

In 2009 we got Activity grant (700 dollars) for the organization 6th Young Scientist Conference “Conference “Correlation Optics” (CO’09)” which will be held in Chernivtsi, Ukraine on September 2009

Contact Information

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