Person Completing Form:
President of Chernivtsi National University SPIE Student Chapter,
Artem O. Karachevtsev

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Name of Chapter: Chernivtsi National University SPIE Student Chapter
Number of Members in Chapter: 41

Names and E-mail addresses of Chapter Officers:
2013 Chapter Officers
President: Artem Karachevtsev karachevtsev@yahoo.com
Vice-President: Kateryna Kharytonova katrin512@meta.ua
Secretary: Volodimir Ushenko vovaushenko1989@gmail.com
Treasurer: Vira Besaga verun4ik2893@mail.ru

Chapter activities since last report:

1. Volodimir Ushenko attended the International Optics&Photonics 2013 Conference, which was held in San Diego, California, USA. During the conference Volodimir attended several short courses and scientific reports of his interests. There was a efficient discussion with the most Student SPIE Chapter participants concerning the further perspectives and development of Chapters. Also, Volodimir told about our Chapter progress in recruiting new members and distributing the information about Optics and Photonics among school-leavers.
2. During the reporting period we had regular meetings of our Chapter members (every Thursday). There were several scientific seminars with our college Professors (Prof. O.V. Angelsky, Prof. O.G. Ushenko, Prof. P.V. Polianskiy, Prof. P.P. Maksymyak, Prof. I. I. Mokhun and others). This year we have recruited 10 new student members from the 1st year students of our college.


4. Also in this year in Chernivtsi was organized the 11th International Conference “Correlation Optics 2013”. The Tenth International Conference on Correlation Optics continues the series of the conferences with the same title held biannually at Chernivtsi National University (Ukraine) since 1993. More than 120 participants from 30 countries attended the conference, and more than 130 reports were presented.
Topics to be covered:

1. Informative content of statistical optical fields, including optical chaos, singular optics, polarization optics and coherence

2. Optical correlation devices based on diffractive optical elements, including optical and digital holography, fractal optics, optical sensors

3. Optical correlation diagnostics, interferometry and microscopy of rough surfaces and random media

4. New applications of correlation optics in biology and medicine

5. Optical techniques, systems and elements of telecommunications

There are the participating countries:

1. UK

2. USA

3. Denmark

4. France

5. Poland

6. Japan
More than 30 PhD students and graduate students from Ukraine, Russia and France have organized Special session at the conference with invited lecturers Prof. M. Berry (University of Bristol, UK), Mark Dennis (University of Bristol, UK), Prof. D. Zimnyakov from Saratov University (Russia), Prof A. Volyar from Taurida University (Ukraine) and Prof. A. Bekshaev from Odessa State University (Ukraine), reviewed newest results in the fields of singular optics and biomedical optics.
In spite of the financial and economical crisis, the conference has been held at high organizational level.
Owing to separate funds granted by SPIE for awarding the best oral and poster presentations of young scientists, the Organizing Committee selected the following winners with handing in the SPIE Certificate and cash:

1st place: S.A. Yuvchenko (Saratov National Technical University); - $150

2nd place: M.I. Pashchenko (Verkin Institute for Low Temperature Physics and Engineering of the National Academy of Sciences of Ukraine); - $100

2nd place: K. Kharitonova (Chernivtsi National University); - $100;

3rd place: B. Sokolenko (Taurida National University); - $50

3rd place: A. Fesenko (National Technical University of Ukraine “Kyiv Politechnic Institute”); - $50

3rd place: S. Sviridova (Odessa National University). - $50.
Future Chapter activities:

1. Winter workshops and working with the press materials on current research and achievements in science and technology as participation in creating new courses in Ukranian in the field of Biomedical Optics, Fiber Optics, Fractal Optics and Holography (January 2014 - December 2014).

2. Meetings with the students of our university and with school-leavers, in which the main aims, tasks and activities of our Students’ SPIE Chapter will be outlined and discussed.

3. Maintaining and upgrading the Chapter library on Optics and Photonics.