

**Bi-Annual Report of activity in 2005**

**SPIE student chapter**

**at National Technical University of Ukraine “Kiev Polytechnical Institute”, Kiev, Ukraine**

The goal of the SPIE student chapter is exchange and distribution of information about optics, photonics and imaging. The following activities have been organized and realized in 2005:

1. Organization of meetings of the SPIE student chapter on regular base.
2. Participating in the scientific conferences - “Optics and high technology material science”, Kiev, Ukraine – October, 27-30, 2005, and presentation of scientific reports in the conferences - “Instrument-making 2005”, Kiev, Ukraine - April, 26 - 27, 2005.
3. Demonstration of two video-courses and one CD-course for students and professors using SPIE educational materials located at SPIE-Ukraine headquarters.
4. Presentations of components of optical instruments like digital control components, modulated light sources and optical sensors made by students of Optical Engineering Department, May, June 2005.
5. Visiting technical and educational exhibitions including “Enlightenment-2005”, “Light-2005”, “Electronic components-2005”, “Laboratory Equipment-2005” and etc.
6. Development of the student WEB-site [www.kpi-optics.com](http://www.kpi-optics.com) that has won the third place among ukrainian student WEB-sites.
7. Working with SPIE publications at SPIE-Ukraine headquarters.

*Advisor of the SPIE Student Chapter  
at the National Technical University*

*Dr / Prof Volodymyr Borovytsky*

*President of the SPIE Student Chapter  
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*Galyna Gaivoronska*

**Plan of activity in 2006**

**SPIE student chapter**

**at National Technical University of Ukraine “Kiev Polytechnical Institute”, Kiev, Ukraine**

In 2006 the efforts of SPIE student chapter will be concentrated on initialization of small student research projects in optical science and optical engineering. It helps to make information exchange more effective and motivated. These projects will be presented on SPIE conferences that can also stimulate students to activity in Optics and Photonics.

1. Participation in SPIE conferences.
2. Organization of competition for the best student project in optics, photonics and imaging in December, 2006. The winner projects will be presented at site of the chapter.
3. Creation with help of students of two educational courses devoted to digital imaging systems and testing of holographical elements.
4. Presentation of SPIE educational materials like videocourses, courses on CD, SPIE books and magazines to students on regular base.
5. Visiting the exhibitions devoted to or connected with optical instruments, optical measurements and their applications in industry, communication and daily life.
6. Development of bilingual WEB site of the chapter.

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