



Annual Report of activity in 2004-2005

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 2004-2005:

- Organization of meetings of the SPIE student chapter on regular base.



- Three invited lecturers made the presentations: Prof. M. Kuyawinska presented the perspectives of SPIE activities and scientific works devoted to intrferometric measurements and 3D sensing. Prof. V. Molebny presented his works on measurements eye aberrations. Dr. N. Licholit presented the activity of ukrainian optical company CDB “Arsenal”.



- Participating in the scientific conferences - “Holography-2004”, Kiev, Ukraine, May, 21-23, 2004, and presentation of scientific reports in the conferences - “Instrument-making 2004”, Kiev, Ukraine - April, 20 - 21, 2004, 49th Annual Meeting in Denver, Colorado, August, 2-6, 2004, “Instrument-making 2005”, Kiev, Ukraine - April, 26 - 27, 2005.
- Demonstration of two video-courses and one CD-course for students and professors using SPIE educational materials located at SPIE-Ukraine head-square.

- Presentations of components of optical instruments like digital control components, modulated light sources and optical sensors made by students of Optical Engineering Department, May 26, 2004.
- Visiting technical and educational exhibitions including “Light-2004”, “Electronic components-2004”, “Machine building-2004”, “Laboratory Equipment-2004”, “Computer Expo-2004”, “Digital maniya - 2004”, “Computer and communications-2004”, “Internet communication-2004”, “Industry and material processing-2004”, “Light-2005”, “Electronic components-2005”, “Machine building-2005”, “Laboratory Equipment-2005” and etc.



- Development of the student WEB-site www.kpi-optics.com that has won the third place among ukrainian student WEB-sites.
- Working with SPIE publications at SPIE-Ukraine headquarters.

Our future activities:

- participation in SPIE conferences - “Advanced Optoelectronics and Lasers –2005”, Yalta, Ukraine, 50th Annual Meeting in San-Diego, 30 July – 4 August, 2005;
- organization of competition for the best student project in optics, photonics and imaging in December, 2005. The winner projects will be presented at site of the chapter;
- creation with help of students of two educational courses devoted to digital imaging systems and testing of holographical elements;
- organization of three presentations made by the visiting lecturers;
- visiting the exhibitions devoted to or connected with optical instruments, optical measurements and their applications in industry, communication and daily life;
- presentation of SPIE educational materials like videocourses, courses on CD, SPIE books and magazines to students on regular base;
- development of bilingual WEB site of the chapter.

Chapter Officers 2005:

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