Our activity report for the period July-December 2004

I. Actions for Warsaw University of Technology:
1. Organization of VIII-th Polish Festival of Science (17-26.IX.2004). This year's program consisted of two parts performed by:
   Faculty of Mechatronics:
   a) Institute of Micromechanics and Photonics (IM&P) and Institute of Automatic Control and Robotics (IAC&R) - workshop on “Image and Voice Recognition - How Computers Can See and Hear”. As we have seen last year people are very interested not only what optics is, but also where optics can be applied, which is why we have decided to continue cooperation with IAC&R.
   b) Institute of Metrology and Measurement Systems – course on “From tam-tam language to MPEG”
   c) IAC&R has presented course on: “Robotronics on the Road to Artificial Man”

Our Chapter was coordinating all parts of the Festival of Science organized at Faculty of Mechatronics. You can find pictures and more information (in Polish) on: http://iair.mchtr.pw.edu.pl/festiwal

Faculty of Electronics:
   a) Institute of Microelectronics and Optoelectronics: “Lasers – Structure, Functioning and Applications”. It was a course with few experiments to show people what kind of lasers are available and what we can do with lasers.

2. Our Chapter took part in the Fair of Scientific Chapters of WUT. The goals of this fair were to present activities of Scientific Chapters of WUT to all students of our University. Because this entertainment was opened to all people – we had visitors from different ages.
3. Creation of a new and improved web site for the SPIE Student Chapter (http://spie.mchtr.pw.edu.pl)

4. Supporting Student Research created at our Faculty in the field of 3D visualization in multimedia.

II. Education and projects

1. We were awarded with SPIE Grants for Educational and Research Institutions.

2. We worked on project financed by Student Union of Warsaw University of Technology: - „Opracowanie stanowiska dydaktyczno-naukowego do numerycznej i optoelektronicznej rekonstrukcji hologramów cyfrowych i syntetycznych „

III. Creation of links between SPIE Chapters

1. SPIE
   We took part in the organization of the visit of the SPIE Board of Directors in Warsaw. Besides organizing visit in our laboratories and presenting our work, our representatives took part in evening entertainment.

2. SPIE Student Chapters
   Four representatives of our Chapter took part in Annual Meeting in Denver. Besides presenting our scientific work during conferences, we were also very active in the SPIE Student Chapters Program.
After the conference, we took a two-week trip from Denver through Utah, Arizona and California. We are so grateful for SPIE for the possibility of meeting people from all around the world.

We are cooperating with all of the Student Chapters from Poland. We also have very good contact with the Student Chapters from Kent State University, Chernivtsi National University and Tec de Monterrey, Mexico.

2. SPIE Poland Chapter
We have cooperated with SPIE Poland Chapter. Aneta Michalkiewicz took the place of Agata Jozwicka and is the Student Chapters Coordinator in Poland and the Chief Editor of the SPIE-PL bulletin. Also, we are helping in organization of the SPIE-Congress on Optics and Optoelectronics, Warsaw'05.