Report on the activities of SPIE Student Chapter
at Wroclaw University of Technology
for the period 12.2006-06.2007

1. Liquid Crystals

Thanks to the article written by K. Spencer, R. Varshney, A. Marino, S. Jacobs, the group who gave us the educational kit related to liquid crystals (during Annual Meeting in San Diego) we were able to give two presentations in high schools in our city.

2. Magic of Physics

Magic of Physics became already well known in all local high schools, and primary schools offer giving by our Chapter. During last 6 months we had 2 presentation in two different primary schools.
3. TARED

Each year our members are involved in organization of education exhibition where different Universities, Faculties etc. promote themselves. Also this year we have participated in this event.

4. Radio

To promote our Chapter, our activities and generally SPIE Organization our president has arranged the interview in the local radio where he has been explaining the basic ideas of SPIE Organization and strategic plan of our Chapter giving also basic information how to promote optics, why it is important and gives some possibilities of collaboration with our Chapter. As a consequence of this visit in radio, our Chapter is going to work with IEEE Student Chapter at our University.

5. Conference: II International Student Chapters Meeting

This year, second time, our Chapter has been organized International Student Chapters Meeting where student from Ukraine, Romania and Poland who are members of different Chapters i.e. SPIE, IEEE, OSA,... could share their knowledge, finds a new friendships and start to collaborate each other. The main idea of this event is to unite all central and eastern European chapters to help them to develop their scientific activities. Last year as a consequence of this event we started collaboration with Chapter from Lvov, Ukraine. As a consequence of this collaboration we made a join experiments which results we will present on conference in Italy during this summer. However, what is more promising, due to this collaboration, our Chapter were able to sent a join application form for Award of vice-Rector of our University for research for Students Organizations. This year among many Students Organization, SPIE Chapter Wrocław has been a winner and we received 2000$ for join research!

Also this year, in the framework of our Chapter programme Interdisciplinary Research Platform we have already started a new collaboration with SPIE student Chapter from Bucharest, Romania what was possible due to fruitful discussions during the Meeting.

Meeting in this year was also special, due to SPIE Collaborative Conference Grant which our Chapter received this year. This helps us to develop our Meeting programme.

Except chemical presentations made by our friends from Student Organization from Chemistry Department, many scientific discussions, visiting different laboratories we had two courses made by MANUS Organization titled: How to be the professional research group leader? How to manage the research project? Moreover, this year we guested prof. Maria Dinescu from Bucharest, Romania according to SPIE invited lecture programme.
Also our social programme this year was much more interesting: party on the boat, grill party, guided tour around city, piano concert etc.

But what was the most important, this year this event organized by students for students, has been organized by different polish SPIE Student Chapters, which seems to be very optimistic for future in the framework of integration of different polish Chapters…to summarize this WE DID IT!…and we have planed already, second meeting in Romania!

6. Career Incubator (CI)

We almost finished the second edition of Career Incubator Programme, where students have possibilities to work in professional laboratories with PhD members of our Chapter. This year again the best student work will be awarded and one student will be sent by our Chapter to international student conference in Europe.
7. Publications

Also this year members of our Chapter published many scientific papers.

Plans for the future:

Our plans for the next six months are as follows:

1. Visit of our representatives (Gabriela Statkiewicz, Artur Podhorodecki) at Annual Meeting in San Diego.

2. Winter Edition of CI Programme – continuation of this programme (1 edition per 6 months).

3. Co-organization with Student Chapter from Lvov, Ukraine Scientific Conference for Students in Ukraine.

4. Visiting of Student SPIE Chapter in Romania by our representatives.

5. Magic of Physics – continuation of this programme (2 visits per each 6 months).

6. Our Chapter has been asked by representatives of local scientific society to prepare a new educational programme for younger children. For this purpose, we prepared a new programme called Mystery World of Physics dedicated for primary schools. According to this programme we are going to develop our educational equipment thanks to Educational SPIE Scholarship which we received this year. In this programme we are going rather to fascinate a young people by magic of physics rather than to explain this magic, what is the purpose of our previous programme Magic of Physics.

7. Local Festival of Science in September – continuation of this programme (1 event per each year).

8. The biggest challenge within next 6 months, will be starting a new project called Student Chapters Journal. This will be e-journal dedicated for students, mostly from our University but also for all students from all over the world who would like to use our system to publish any conference proceedings or to share their knowledge with other students. This will be possible due to Educational SPIE Scholarship which we received this year.

9. Two visits in friendly SPIE Student Chapters in Torun and Gliwice where our representatives will give lectures related to optics and photonics.