



# SPIE Student Chapter

Ivan Franko National University of Lviv

<http://www.electronics.wups.lviv.ua:8102/stchapter>

## Student Chapter Report

June 2009-May 2010

Name of Chapter:

**SPIE Student Chapter at Ivan Franko Lviv National University**

Person Completing Form/Contact:

Andrew Tomin, Elected Chapter President (2010-2011)

E-mail: [amtomyn@gmail.com](mailto:amtomyn@gmail.com)

Number of members: 16 (during most of the year), currently – 10 (due to the renewal period at the end of the year)

Chapter Officers elected for the next Academic year (May 2009-May 2010):

President: Andrew Tomin [amtomyn@gmail.com](mailto:amtomyn@gmail.com)

Vice President: Oresta Vasylyv [oresta.vasylyv@gmail.com](mailto:oresta.vasylyv@gmail.com)

Treasurer: Tanya Shkandina [tanjusha89@ukr.net](mailto:tanjusha89@ukr.net)

Secretary: Ostap Hetman [ostapgetspie@rambler.ru](mailto:ostapgetspie@rambler.ru)

Chapter Advisor: Dr. Alexander Bilyi [Bilyi@electronics.wups.lviv.ua](mailto:Bilyi@electronics.wups.lviv.ua)

Chapter activities:

1. We have recruited 3 new members and increased the number of chapter members for 16 members at its top in April; this year 6 members have graduated their MS or PhD study this year and we currently have 10 members.
2. 2 Chapter members have applied for SPIE Scholarships in 2010, as far as we know Andrew Tomin was successfully in his application.
3. Our Chapter was co-organizer of the IX Kharkiv Young Scientists Conference on Electromagnetics, Photonics, and Biophysics, which took place at December 1-3, 2009., <http://www.ysc.org.ua>
4. We have invited Dr. Dmitry Kholodnyak, in frames of Visiting Lecturer program, to present the lecture "Application of right and left-handed transmission lines" during the Conference
5. We are involved as co-organizers of the X Conference this year.
6. We have organized the Workshop on Nanotechnology in Student Research, jointly with NAS of Ukraine, and have invited members of 2 other Ukrainian and 1 Poland SPIE student Chapter. The workshop took place in Lviv, April 9, 2010.
7. Chapter members helped in preparation the outreach project "LED and Photosynthesis" this was supported by OSA, we also have applied for SPIE outreach grant, but unfortunately our application was not successful. The project currently approaching the end of the first phase (we have grown tomatoes under different light, including LEDs).
8. We have also applied for Collaborative Conference Grant, unfortunately not successfully.
9. Our member Volodya Koman has won the Scholarship for Erasmus Mundus Photonics MS degree.

10. Students of the chapter, as well as other volunteer students from the University, studied the advanced course "Physical principles of biomedical methods for clinical diagnostics" taught by Chapter Advisor Dr. Alexander Bilyi during spring semester. The development of course was supported by *2006 SPIE Educational Grant in Optical Science & Engineering*.
11. During reporting period there were 9 Chapter meeting. The meetings are usually arranged last Thursday of the month (regular), additional meetings are arranged when needed.
12. We continue our established scientific collaboration with SPIE Student Chapter at Wroclaw University and Institute of Radiophysics and Electronics.

Summarizing, despite the huge amount of students who have graduated this year, we obtained a significant progress in educational activities, by organizing conferences, meetings, etc.

Financial information (for year 2009):

Beginning balance - \$0.

Funds obtained from SPIE - \$700.

Funds expended: \$700

Details:

	\$
Library subscriptions	300
Organization of Chapter meeting and lectures	180
Participation in scientific conferences. -	200
Other (including bank expenses)	20
Total	700

Ending balance - \$0.