I. Chapter Officers

President:  Justyna Piwowar  
justyna.piwowar@gmail.com

Vice-President:  Małgorzata Pilat  
malgorzata.pilat@fuw.edu.pl

Secretary & Treasurer:  Jan Szczepanek  
ja.szczepanek@gmail.com

Supervisor:  prof. Czesław Radzewicz
II. List of Student Chapter Members (19)

1. Justice Archer
2. Aleksander Bogucki
3. Michał Chiliński
4. Radoslaw Chrapkiewicz
5. Piotr Ciąćka
6. Michal Dabrowski
7. Michal Jachura
8. Pawel Magryta
9. Michal Nawrot
10. Michal Parniak
11. Daniel Pęcak
12. Jakub Pietrzak
13. Małgorzata Pilat
14. Justyna Piwower
15. Krzysztof Sawicki
16. Maciej Ścieszek
17. Jan Szczepanek
18. Monika Tomaszewska
19. Łukasz Zinkiewicz
III. Chapter Activities

a) 06.11.2014 – Lecture on Quantum Dots
To broaden our horizons, we invited young but experienced researcher, Mateusz Goryca from the Solid State Physics Division at University of Warsaw, who delivered a talk describing optical methods of quantum dots characterization. This was also a good opportunity to start Chapter’s new year and attract new students.

We spent SPIE funds for: info posters, snack & beverages during the talk.

People reached: 30, mainly students.

b) 20.02.2015 – Light Festival at the Wilanow Palace in Warsaw
We spent a nice evening at the Wilanow Palace gardens, Warsaw, with many active and potential new Chapter members. During the Light Festival, we admired laser show and almost got lost in the Light Labyrinth. Everybody enjoyed social activities

We sent SPIE funds for: the entrance tickets and some snacks & beverages.

People reached: 15, mainly Chapter members.
c) 08-09.04.2015 – OptonEXPO International Fair for Optoelectronics and Photonics

During 08-09.04.2015 our Chapter members: Michal Nawrot and Jan Szczepanek represented us at OptonEXPO event, at the booth promoting scientific student organizations from all of the Warsaw universities. We were making contacts with the representatives from the industry and technology companies.

**We spent SPIE funds for:** 2 posters, some small gifts for the visitors: pens, flash drives.

**People reached:** 50 – mainly representatives of the companies and universities.

d) 09.05.2015 – XIX Science Picnic of Polish Radio and the Copernicus Science Centre

This was the biggest annual scientific event in Poland, hold at National Stadium, with thousands of science lovers, curious audience and spectacular experiments. We presented some of our best ideas to popularize optics, covering: simple spectrometers constructing, light rays bending, water-droplet microscope, inter-continental light communication, light labyrinth or an old gramophone-based model of CD/DVD drive.

**We spent SPIE funds for:** materials for the experiments.

**People reached:** several thousands of people, mainly parents with kids.
e) **27-30.05.2015 – OPTO-Meeting for Young Researchers & 10th Anniversary International SPIE Student Chapter Meeting WROCLAW 2015**

As, almost every year, we took part in the OPTOMeeting conference, this time it was held at the Wroclaw University of Technology. Six of our representatives gave the oral talks which topics were connected to their current research and one of us presented her Bachelor’s project at the conference poster session. We can be very proud because the prizes for the best student presentation during the conference went to our chapter members. Michał Parniak won in the oral presentation category and Klaudia Płodzień won the contest for the best scientific poster presentation. We attended many interesting lectures and as one of the few we managed to visit the optical laboratories at the University. As always the conference was a great opportunity to meet amazing people which are interested in optics and photonics.

**We spent SPIE funds for:** transport to Wroclaw and back to Warsaw, public transportation, social activities.

**People reached:** 150 – participants of the conference (academics).
f) 05.2015-06.2015 – International Year of Light Photos Exhibition

As a part of the International Year of Light celebration our chapter organized the photo contest and the photos exhibition. Students of the University of Warsaw were encouraged to send us photos connected with the theme: “Light beyond the bulb”. We received more than 30 photographs and after choosing 6 of them we honored the finalists and organized photo exhibition of all the contest photos and the photographs available due to the International Year of Light official photo contest. The exhibition was held in the hall of the Faculty of Physics University of Warsaw during May 2015.

We spent SPIE funds for: printing 20 photographs and 15 posters informing about the contest and the exhibition, 20 black backgrounds for the photos, awards for the contest finalists.

People reached: 500, mainly students of the Faculty of Physics.
g) August 2015 – Officer travel grant – SPIE Optics+Photonics 2015

Our Chapter officers: Justyna Piwowar and Małgorzata Pilat, along with two active members: Aleksander Bogucki and Łukasz Zinkiewicz, took part in SPIE Optics and Photonics 2015 conference in San Diego, USA, as our representatives. The great success of our team was to win second place achievement at Optics Outreach Games, for the demonstration: “Water Droplet Microscope, Homemade Spectroscope”.

**People reached:** several hundred participants of the OOG evening.
h) 19 – 27.09.2015 - XIX Science Festival

Another big popular science event, focused mainly on primary school children. We carried out a plenty of simple workshops and shows, like home-made spectrometers constructing, water-droplet microscope or imaging phenomena exploration. **We spent SPIE funds for:** lenses for children, parts of spectrometers: tapes, isolation pipes, CDs, etc.

**People reached:** 150, mainly primary school children.
IV. Future plans of our Chapter

The biggest challenge of our Chapter these days is to attract new, active members. We need brilliant ideas and ‘fresh forces’ to continue Chapter’s activities without interruptions. To achieve this, we plan to organize a movie evening at the Faculty of Physics soon, where new people could learn more about our organization and optics at University of Warsaw in general. Moreover, another activity will be Optics Days at the Faculty, where young students can find out what our research topics are, visit optical laboratories and potentially join us in scientific career. Certainly, we would like to organize several lectures during the academic year and take part in similar open-public activities, as in the past.

V. Financial Information

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<tbody>
<tr>
<td><strong>Beginning Balance</strong></td>
<td><strong>200 $</strong></td>
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<tr>
<td>Activity Grant</td>
<td>+ 700 $</td>
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<tr>
<td>Participating in Light Festival at Wilanow Palace</td>
<td>- 55 $</td>
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<td>OptonExpo</td>
<td>- 30 $</td>
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<td>Transport for OPTO2015 conference</td>
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<td>XIX Science Picnic</td>
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<td>IYL Photos Exhibition</td>
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<td>XIX Science Festival</td>
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<td>Lectures during the year</td>
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<td><strong>Ending Balance</strong></td>
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