



Student Chapter Report 2017

Person Completing Form/Contact:

Monica Pons

eMail:

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Name of Chapter:

Berlin Optik Student Chapter

Website:

www.berlinoptik.de

1. Chapter Officers

Officer	Name
President	Monica Pons (monica.pons@physik.hu-berlin.de)
Vice-President	Chris Müller (chrism@physik.hu-berlin.de)
Treasurer	Christos Mourikis (cmourikis@physik.hu-berlin.de)
Secretary	Xiaohui Zhu (feifeixiaohui@physik.hu-berlin.de)

Advisor: Prof. Oliver Benson

2. List of current Student Chapter Members

Member Roster

Total Student Members: 27

Name	Expires
<u>Marcel Braune</u>	9 July 2018
<u>Jens Buchmann</u>	7 January 2018
<u>Youngeun Choi</u>	18 December 2017
<u>Xavier Garcia Santiago</u>	29 May 2018
<u>Thomas Gladytz</u>	4 January 2018
<u>Esteban Gomez Lopez</u>	23 May 2018
<u>Y Durvasa Gupta</u>	4 June 2018
<u>Nazila Hashemi</u>	17 July 2018
<u>Maximilian Hoffmann</u>	31 August 2018
<u>Jan-Philipp Koester</u>	1 May 2018
<u>Nataliia Kuzkova</u>	31 March 2018
<u>Jirapong Manit</u>	13 December 2017
<u>Md. Jarez Miah</u>	11 July 2018
<u>Fakhrialsadat Mirhadi</u>	5 July 2018
<u>Christos Mourikis</u>	13 March 2018
<u>Chris Müller</u>	11 September 2018
<u>Mika Pflüger</u>	17 July 2018
<u>Monica Pons</u>	25 February 2018
<u>Jasper Rödiger</u>	15 June 2018
<u>Caterin Salas Redondo</u>	30 January 2018
<u>Sakshi Sharma</u>	1 June 2018
<u>Malte Smoor</u>	5 July 2018
<u>Min Song</u>	9 January 2018
<u>Guo Tang</u>	11 May 2018
<u>Filipp Trigub</u>	24 May 2018
<u>Xiaohui Zhu</u>	3 April 2018
<u>Alsu Zubairova</u>	7 July 2018

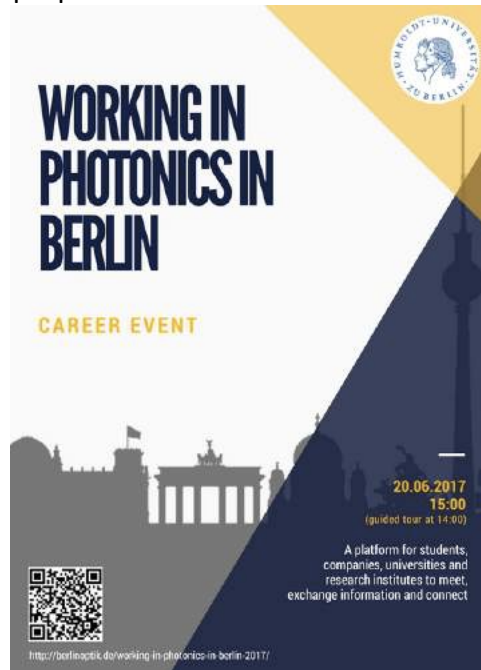
3. Activities since last report

Recruitment of New Members for the Student Chapter:

One of our main priorities this year was to increase the amount of members in our Student Chapter. We managed to more than double the numbers, going from 11 to 27 students enrolled with us.

Career Event “Working in Photonics in Berlin”:

This year we hosted our second career event with focus on Optics and Photonics, which allows students and representatives from industry, research institutes and universities to engage. Students were presented with different options for career paths in Optics, while companies and institutes networked with recent and future graduates in the field of Physics for recruitment purposes.



Career event “Start-Ups: An alternative Career Path in Photonics”:

On October 18th, the Berlin Optik Student Chapter and our industry partner, OpTecBB, hosted a career event on Entrepreneurship in Photonics. This event was part of the Photonic Days Berlin Brandenburg, and effort to promote Photonics towards the general public. Our speakers were experienced entrepreneurs who founded their own Photonics start-ups, and they shared their learnings on the challenges and rewards in this career path. Additionally, we received advice related to start-ups, such as legal advice regarding IP and funding opportunities at HU Berlin. There was plenty of time for questions, and we enjoyed the discussions and ideas that developed.



Professors and Students Mixer Dinner:

In an effort to bring professors and students closer together and facilitate the flow of information in our group, the Berlin Optik Student Chapter hosted a mixer dinner at a nearby Korean Restaurant by the end of last semester. The event was attended by 19 people in total, of which 5 were professors. Our group is very international, with members coming from different countries such as Brazil, Russia, India, China, US and more. This event was a great opportunity to bring everyone together in a relaxed environment to talk about their experience with Optics and their future aspirations.



Recruitment/Social Event at Rooftop Garden:

As part of our Recruitment effort this year, we hosted a few social events this year. Our meeting at a beautiful Rooftop Garden during the summer in Berlin served well that purpose, and some of our new members had the opportunity to meet each other for the first time and network.



Laser Tag Event:

The Laser Tag Event was a celebration for our group reaching the recruitment goals we set for ourselves this year. We played in mixed groups, and the teamwork increased the bonding experience shared by our members.



End of Semester Cook Together Session:

This was our first Cook Together Session in the Student Chapter. Each of us had a task for preparing a pasta meal for the whole group, planned as a celebration for the hard work done in the past semester.



Grill Evening Event:

The Student Chapter supported a grill evening with the Experimental Optics groups from the Humboldt University, and students from our international course "Master in Optical Sciences". The master students had the possibility to get in touch with the PhD students, post-docs and professors in a relaxed atmosphere. In this evening the Student Chapter increased awareness of the Chapter among the students and researchers in Optics related fields and met potential new Student Chapter members.

Outreach Activities:

The Berlin Optik Student Chapter is preparing our "International Children Outreach Program", which aims to teach Optics and Photonics to children from different nationalities recently relocated to Berlin. We are in the preparation stages, in which we prepare the materials and practice the experiments we will bring to young students. In the next months we will complete the program by visiting schools and inviting students to our campus. Our Chapter has also participated in the annual "Lange Nacht der Wissenschaften" in Berlin (transl.: Long Night of Science), where members gave several presentations to a public auditorium. Presentations about "Quantum Jumps and Quantum Jazz" were held for visitors of the Institute. Experiments for children were demonstrated, such as transmitting sound across the room by using a laser. Children and parents were able to manipulate various optical elements to see the effects of attenuation and modulation of the light beam. Part of the materials used in this event was obtained through SPIE's Optics Kit.



Planned Future Activities:

Our main ongoing activity is the Outreach Project, which will continue in the next months. For the next year, we plan to once again host the “Working in Photonics in Berlin” and the “Start-Ups: An alternative Career Path in Photonics” career events. A few social/recruitment events will also take place, according to the funding available.

Officer Replacements:

We did a full renewal of Officers this year, with Monica Pons stepping up as President, Chris Müller as Vice-President, Christos Mourikis as Treasurer and Xiaohui Zhu (Fei Fei) as Secretary. We are starting preparing current members for the eventual handover of our positions next year.

5. Financial information:

Beginning balance:

\$478.60 (from 2016)

Funds raised:

- OSA:

\$1282.90 OSA Special Funding (Outreach Project)

\$500 OSA Activity Funding Grant

- SPIE:

\$500 SPIE Activity Funding Grant

- Other sources:

\$0

Ending balance:

\$1242.90 (earmarked for the Outreach Project)