

Annual Report 2012

1. Officers Elected for 2012

President:	Francesco Da Ros, fdro@fotonik.dtu.dk , 3403677
Vice-President:	Zohreh Lali Dastjerdi, zoda@fotonik.dtu.dk , 3195569
Secretary:	Viktorii Babicheva, vbab@fotonik.dtu.dk , 3259724
Treasurer:	Jiri Cech, jiri. cech@nanotech.dtu.dk , 3339732
Advisor:	Prof. Peter E. Andersen, peta@fotonik.dtu.dk , 459668

2. Student Chapter Members in 2012

No.	Member#	Name	Email	Member Type
1	3480720	An, Yi	yian@fotonik.dtu.dk	Student Member
2	3259724	Babicheva, Viktoriia	vbab@fotonik.dtu.dk	Student Member
3	3369155	Banas, Andrew Rafael	araf@fotonik.dtu.dk	Student Member
4	3363765	Burini, Nino	nibu@fotonik.dtu.dk	Student Member
5	3339732	Cech, Jiri	jiri.cech@nanotech.dtu.dk	Student Member
6	3403677	Da Ros , Francesco	fdro@fotonik.dtu.dk	Student Member
7	3321967	Jørgensen, Mette	s051786@fotonik.dtu.dk	Student Member
8		Kamran, Faisal	faik@fotonik.dtu.dk	Student Member
9	3195569	Lali Dastjerdi, Zohreh	zoda@fotonik.dtu.dk	Student Member
10	3048871	Laurila, Marko	malau@fotonik.dtu.dk	Student Member
11	3231370	Marschall, Sebastian	sema@fotonik.dtu.dk	Student Member
12	3363911	Müller, André	amul@fotonik.dtu.dk	Student Member
13	3418481	Pang, Xiaodan	xipa@fotonik.dtu.dk	Student Member

14	3440237	Pedersen, Pernille	pkpe@fotonik.dtu.dk	Student Member
15	3321969	Petersen, Sidsel	srpe@fotonik.dtu.dk	Student Member
16		Rasmussen, Morten	mofi@elektro.dtu.dk	Student Member
17	3453050	Salmistraro, Matteo	matsl@fotonik.dtu.dk	Student Member
18		Sarhadi, Ali	asar@mek.dtu.dk	Student Member
19	3454809	Sørensen, Simon Toft	stso@fotonik.dtu.dk	Student Member
20	3381480	Ukhanova, Anna	annuk@fotonik.dtu.dk	Student Member
21	3285850	Usuga Castaneda, Mario	mauc@fysik.dtu.dk	Student Member

3. Details of Chapter activities since last report

a. Chapter meetings:

December 5, 2011

January 16, 2012

February 17, 2012

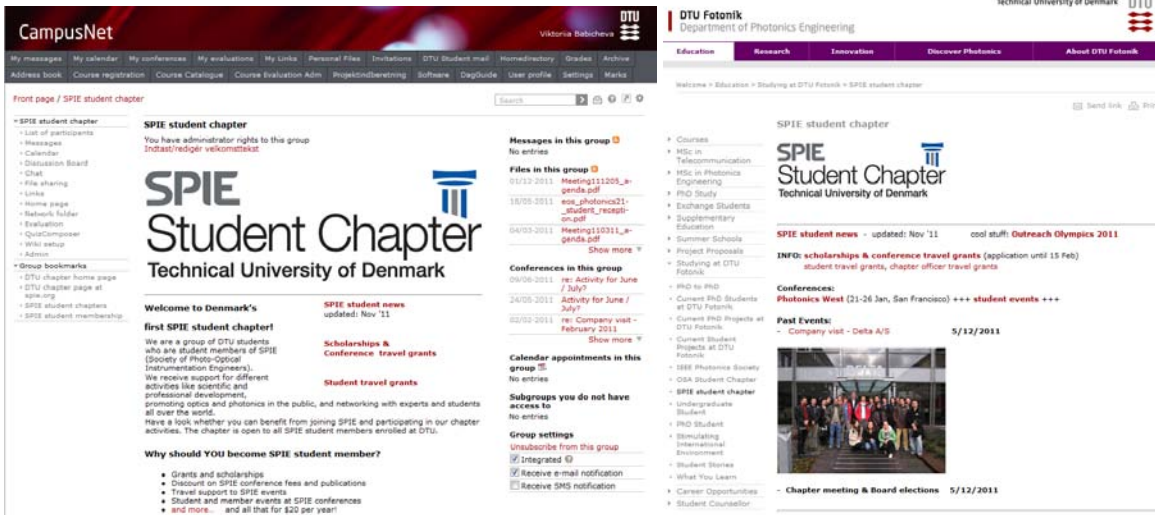
June 1, 2012



b. Web development

CampusNet group

DTU web page



Facebook page



c. Company visit: Delta A/S (December 5th, 2011)

On the 5th of December, we visited Delta A/S in Hørsholm with a group of 24 DTU students. Delta has divisions for optics (thin-film filters, reflectometric sensors, photometric test and calibration), electronics (wireless body-sensors, design and test of integrated circuits) and for a wide range of product quality tests. We were welcomed with a lunch in Delta's canteen, followed by a presentation about the company and a tour through the labs and production facilities. We had the opportunity for discussion with the head of the

optics division and several other employees, and learned about opportunities for industry-university collaborations as well as a career in industry.



d. Invited lecture

On 12 April, the SPIE Student Chapter hosted an invited lecture by Prof. John Dudley, since 2000 head of the Optoelectronics and Photonics research section of the CNRS research institute FEMTO-ST at the University of Franche-Comte in Besancon, France. He gave two exciting talks, titled “Nonlinear Fiber Optics: New Fibers - New Opportunities” and “Best Practice photonics building and sustaining a technical research career”. During the lunch break and after the talks, many students took the opportunity for a casual chat with Prof. Dudley.



e. Company visit: Global Connect A/S (June 1st, 2012)

On the 1st of June, we visited Global Connect A/S in Taastrup with a group of DTU students, both master and PhDs. Global Connect is one of the leading Danish companies in the field of optical networks with more than 12.000 km of dark fiber deployed between Denmark, Sweden and Germany. Furthermore the company offers data storage with more than 7000 square meters of datacenter. The visit started with a general presentation about the company including an interesting discussion on the main costumers. We then continued with a tour through the datacenter and the company’s Network Operation Center (NOC),

the central room where the whole network is kept under constant control 24/7. We also had the opportunity for a discussion with the CTO and several other employees, and learned about opportunities for industry-university collaborations as well as a career in industry.



f. Leadership Workshop in Brussels (SPIE Photonics Europe)

Two members of the SPIE Student Chapter, Sebastian Marschall and Viktoriia Babicheva, took part in the Leadership workshop that was held on 15 April at the Photonics Europe conference in Brussels. From Jean-Luc Doumont, expert in effective scientific communication, we learnt the high art of motivating a team and convincing other people of a cause. During the workshop, during the chapter presentation on the conference and during social activities in the evenings (bowling, laser tag), we had plenty of opportunity to make contact with many other students from universities all around the globe.



g. Leadership Workshop in San Diego (SPIE Optics + Photonics)

Jiri Cech attended the SPIE Student Chapter Leadership Workshop in San Diego and was a representative of the chapter. The chapter participated in the Student Chapter Exhibition by setting up a booth to display our accomplishments and activities. The representative got some inspirations for outreach activities and future plans.

The participation was sponsored by officer travel grant of the SPIE Student Chapter.



h. Team-build event: barbeque, August 23rd, 2012

On August 23rd a barbeque has been organized between the most active members of a chapter as a way to both socialize and discuss plans for future events in an informal context.



4. Planning of chapter activities

- Organizing of event joint with Lund University Student chapter: university visit, lab tour and so on;
- Plan of next company visit, autumn 2012, likely Ibsen Photonics;
- Organizing of joint event during Fotonik Friday Bar;
- Organizing department barbeque;
- Joint activity with DTU OSA chapter;
- Booth at Åbenhus (Open-house) at DTU for Bs/Ms students
- Experimental activity: on-field game with UV lasers and paints.

5. Financial information

Received funding	Expenses	Event
3805,35 DKK	-155,65 DKK	Chapter Meetings
	-847,00 DKK	Team building event
	-2658,00 DKK	Joint SPIE-OSA activity (in preparation)
Closing balance 2011/2012:	144,70 DKK	

Additional funding: Cars and fuel for transportation during company visits provided by the Department of Photonics Engineering

Officer Travel grant (Chapter Leadership Workshop, San Diego)

Visiting Lecturer grant (John Dudley)