

Annual Report 2011

1. Elected Officers (2010 elections)

President:	Sebastian Marschall, sema@fotonik.dtu.dk , 3231370
Vice-President:	Jiri Cech, jiri.cech@nanotech.dtu.dk , 3339732
Secretary:	Zohreh Lali Dastjerdi, zoda@fotonik.dtu.dk , 3195569
Treasurer:	André Müller, amul@fotonik.dtu.dk , 3363911
Advisor:	Prof. Peter E. Andersen, peta@fotonik.dtu.dk , 459668

2. Student Chapter Members in 2011

No.	Member#	Name	Email	Member Type
1	3305123	Alstroem, Tommy	tsal@imm.dtu.dk	Student Member
2	459668	Andersen, Peter Prof.	peta@fotonik.dtu.dk	Regular Member
3	3311168	Andryieuski, Andrei	andra@fotonik.dtu.dk	Student Member
4	3310262	Barretto, Elaine	ecsb@fotonik.dtu.dk	Student Member
5	3363765	Burini, Nino	nibu@fotonik.dtu.dk	Student Member
6	3339732	Cech, Jiri	jiri.cech@nanotech.dtu.dk	Student Member
7	3403677	Da Ros , Francesco	fdro@fotonik.dtu.dk	Student Member
8	3364331	Du, Yigang	yd@elektro.dtu.dk	Student Member
9	3031108	Gopalakrishnan, Nimi	nigo@nanotech.dtu.dk	Student Member
10	3327105	Hansen, Lars	lcha@fotonik.dtu.dk	Student Member
11	3310396	Ji, Hua Mrs.	hujj@fotonik.dtu.dk	Student Member
12	3195569	Lali Dastjerdi, Zohreh	zoda@fotonik.dtu.dk	Student Member
13	3048871	Laurila, Marko	malau@fotonik.dtu.dk	Student Member
14	3231370	Marschall, Sebastian	sema@fotonik.dtu.dk	Student Member

15	3363911	Müller, André	amul@fotonik.dtu.dk	Student Member
16	3143363	Nielsen, Rasmus	rbni@fotonik.dtu.dk	Student Member
17	3275006	Noordegraaf, Danny	dno@nktphotonics.com	Student Member
18		Pedersen, Pernille		
19	3369831	Shirazi, Roza	rozas@fotonik.dtu.dk	Student Member
20	3297792	Thorup, Signe	sist@imm.dtu.dk	Student Member

3. Details of Chapter activities since last report

a. Photonics Friday Bar (November 26th 2010)

The Friday bar is a regular activity at DTU Fotonik at the end of the week where most of the students gather to socialize. As the first activity, in order to present the new established SPIE chapter and attract new members the chapter sponsored students a beer and some snacks. The officers presented the SPIE membership benefits and the range of activities which can be arranged by the chapter to the students. Discussions on future events, taking suggestion on the visiting lecturer program and signing up for SPIE membership were the main parts of this event.



Figur 1 Photonics Friday bar

b. Web development

In order to give more information to the student about the chapter and upcoming events, we managed to have a webpage at the university website. For more information, visit:

http://www.fotonik.dtu.dk/english/education/studying_at_com/spie%20student%20chapter.aspx

In addition, in order to facilitate discussions on the planning activities we made a group at the Campusnet which is accessible for all the DTU students. There students can follow the ongoing discussions about the activities and share their idea.

c. Company Visit (March 11th 2011)

There are several photonics related companies in Denmark which we targeted for our second activity. We managed to visit NKT Photonic in Birkerød, a leading provider of fiber, fiber lasers and amplifiers. Lara Scolari – formerly PostDoc at DTU Fotonik and now employee of NKT Photonics – hosted the event and gave a presentation about the company and their field of expertise in manufacturing photonic crystal fibers, fiber lasers and super continuum solutions.

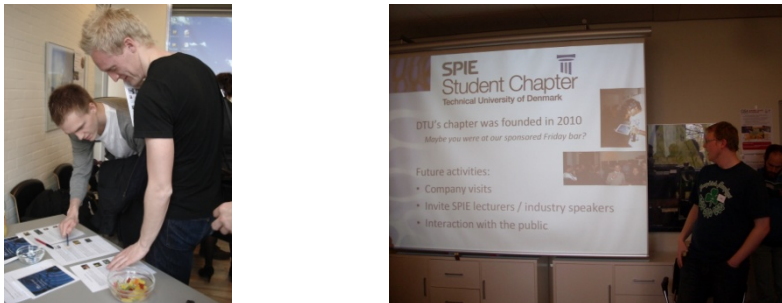
After a discussion on the opportunities for students in the industry and the general differences of academic and industrial career paths, the group went on to a lab tour where they could see NKT's R&D facilities and talk to researchers at their work place.



Figur 2 Visit NKT Company. Left: Lara Scolari is presenting the company and the products. Middle: Tour around the labs

d. Student Scientific Association Day (March 25th 2011)

The purpose of this event was to increase the knowledge about existing Chapters/Branches of organizations like IEEE, SPIE, OSA etc. at DTU and also to promote interdepartmental collaboration. Students and researchers had a chance to learn more about the benefits of scientific organizations and their goals, talk with chapter board members and exchange experience in collaboration. In this event our chapter presented the SPIE society and membership benefits. Furthermore, everybody had the chance to vote for a visiting lecturer from pre-selected topics of the SPIE visiting lecturer program. Based on the poll, we decided to invite John Dudley to have a lecture on Nonlinear Fiber Optics: New Fibers - New Opportunities.



Figur 3 Student Scientific Association Day. Left: students are voting for the visiting lecturer. Right: André Müller is pressing the chapter

e. Officer travel grant

Zohreh Lali-Dastjerdi 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 planes.



Figur 4 DTU student chapter at the Student Chapter Exhibition in Optics and Photonics 2011 conference in San Diego

4. Details of planned activities

We are currently planning another company visit this November to Delta in Hørsholm, a provider of optical analytical instruments and sensor systems. Activities for next year will be planned on our next meeting together the 2011 officer elections.

5. Financial information

Received funding	Expenses	Event
2659,30 DKK	-1926.90 DKK	DTU Fotonik Friday Bar
	-84.88 DKK	Student Scientific Association Day
Closing balance 2010/2011:	647.52 DKK	

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

Officer Travel grant (Chapter Leadership Workshop, San Diego)