The present report summarizes the activities of the three year old student chapter.

1. **Board of Student Chapter**

<table>
<thead>
<tr>
<th>Last/First Name</th>
<th>Email</th>
<th>Position</th>
<th>SPIE ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Friebel Florence</td>
<td><a href="mailto:florence.friebel@instituoptique.fr">florence.friebel@instituoptique.fr</a></td>
<td>President</td>
<td>3482756</td>
</tr>
<tr>
<td>Dornstetter Jean-Christophe</td>
<td><a href="mailto:jean-christophe.dornstetter@polytechnique.edu">jean-christophe.dornstetter@polytechnique.edu</a></td>
<td>Vice-President SPIE</td>
<td>3450081</td>
</tr>
<tr>
<td>Djedidi Anis</td>
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<td>Vice-President OSA</td>
<td>3407313</td>
</tr>
<tr>
<td>Oden Jeremy</td>
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<td>Secretary Webmaster</td>
<td>3482826</td>
</tr>
<tr>
<td>Bruneau Bastien</td>
<td><a href="mailto:bastien.bruneau@polytechnique.edu">bastien.bruneau@polytechnique.edu</a></td>
<td>Treasurer</td>
<td>3482827</td>
</tr>
<tr>
<td>Brudieu Barbara</td>
<td><a href="mailto:barbara.brudieu@polytechnique.edu">barbara.brudieu@polytechnique.edu</a></td>
<td>In charge of common activities with others chapters</td>
<td>3482833</td>
</tr>
</tbody>
</table>

The advisor of the chapter is Enric Garcia-Caurel.

2. **List of members**

The members of the chapter are registers in several Scientific Societies. For SPIE there are 45 students listed below. Some students have graduated recently. New students will be registered to SPIE. Several memberships will be renewed.

<table>
<thead>
<tr>
<th>Stéphane Bancelin</th>
<th>Florence Friebel</th>
<th>Benjamin Portier</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barbara Brudieu</td>
<td>Clement Goyon</td>
<td>Jose Tomas Prieto</td>
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<td>Bastien Bruneau</td>
<td>Amelie Jarnac</td>
<td>Amelie Revaux</td>
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<tr>
<td>Romain Cariou</td>
<td>Anthony Jouanin</td>
<td>Rachid Rezgui</td>
</tr>
<tr>
<td>Guillaume Courtois</td>
<td>Guillaume Labroille</td>
<td>Igor Sobkowicz</td>
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<tr>
<td>Caroline Crotti</td>
<td>Alban Le Liepvre</td>
<td>Loic Tadrist</td>
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</tbody>
</table>
Thi Bach Tuyet Dang  
Pierre-Alexandre Delattre  
Nicolas Desboeufs  
Lucie Devys  
Anis Djedidi  
Jean-Christophe Dornstetter  
Magali Durand  
Wahb Ettoumi  
Aurélie Facomprez  
Blaise Fleury  
Remi Lehe  
Quentin Levesque  
Pierre Mahou  
Subimal Majee  
Lucille Mendonca  
Gerald Ndong  
Evgeny Norman  
Jeremy Oden  
Benedict O'Donnell  
Thomas Plisson  
Alfonso Torres Rios  
Laura Vassura  
Thibault Vieille  
Duc Vu Anh  
Antoine Wojdyla  
Wen Xiao  
Vincent Yahia  
Melissa Ziebell

3. Chapter activities: year 2012

- **IONS 11th (February 2012)**
The 11th International OSA Network of Student took place in Paris, organized by the Chapter in three universities: Ecole Polytechnique, Institute of Optics, and ESPCI ParisTech.

- **Second KHET Tournament (April 2012)**
The tournament with the laser game KHET took place in Ecole Polytechnique the 11th of April. This was the second edition of the tournament.

- **Seminar “Photovoltaics and Photonics” (May 2012)**
During one day, the seminar organized by the Chapter gathered PhDs students with various talks. The introduction was performed by Professor Pere Roca i Cabarrocas on the PV topic “From amorphous to Crystalline”. The event ended with a BBQ and the election of the new board of the Chapter.

- **Scholarship (Summer 2012)**
Romain Cariou (member of the Chapter, former officer of the board) got the scholarship and spend it to go a summer school on Materials for Renewable Energy (ERICE, Sicily, Italia), to buy books, and finalize the budget got the San Diego conference.
• **Travel Grant for SPIE Optics and Photonics, San Diego (August 2012)**

Romain Cariou attended the conference thank to Officer Travel Grant of the SPIE for Student Chapters. It gave him the opportunity to meet scientific from all the world.

- **Event “Night of researchers” (September 2012)**

This event is organized in several French cities. At the level of Ecole Polytechnique, every labs of the campus participated but the Chapter as well. The theme this year was “Image the future”. During the day, a lot of students came from elementary schools to high schools, and during the evening (until midnight), the event was opened to everybody (mainly parents with their children). Our booth was very popular among the visitors! Around 2000 peoples attended to this event!

- **New Students Welcome Days of Ecole Polytechnique (November 2012)**

Every year, the association of PhD Students of Ecole Polytechnique organizes a three-days event to gathered every new PhD Candidates. It is the perfect event to present our Chapter, to involve new students to our activities.

- **Poster session during Master Studies presentation (November 2012)**

Every year, our university organizes an event during a day to present the Master classes to undergraduate students. We participated to this event to present the Chapter.

- **Optics and Photonics Day, Besançon, France (November 2012)**

Another chapter in France organized an event on Optics and Photonics. We were invited to participate.
4. **Future activities**

- **First Forum of Optics and Nano-Sciences (January 2013)**
  During December, we spend a lot of energy to organize from scratch an event aiming to gather students looking for a PhD or for an internship with PhD candidates to talk and to describe the opened position in their respective labs. This event was co-organized by our chapter on Optics, and another chapter on Nano-Sciences.

- **20th French Physics Olympiade, Paris, France (February 2013)**
  Our chapter was invited to the 20th French Physic Contest between high school students. SPIE offered the third prize, therefore it make sense that our President went there to give the prize. (Florence Friebel, the President of our Chapter, on the right on the picture)

- **New PhD Students Seminar of Institute of Optics (February, 2013)**
  Short presentation of every PhD students have been performed, and therefore the presentation of our Chapter too!

Our planning for futures activities is to organize a seminar (in June) with the help of famous invited speakers thanks to SPIE and OSA networks. As last year, there are like mandatory event, like Night of Researchers, or Welcome Days of New Students, which are perfect time to involve new students into our chapter. The first edition of our Forum of Optics and Nano-Sciences was a success. Nevertheless several ideas have been proposed to improve the impact of this event. It will require more investment of our chapter, and maybe a change in the date to fit as much as possible the deadline for internships or PhD positions. The end of the year seems to be a perfect time. The third Khet tournament will be planned.
5. **Financial information**

The balance was 546€ at the beginning of the year 2012. The chapter receive 986.49€ from the SPIE activity grant.

We spent 135€ for Khets purchasing. We spent 136.56€ for miscellaneous expenditures. We spent 170.15€ for BBQs. We spent 30.44€ for the Night of Researchers.

The balance is 1060.34€ for the end of the year 2012.