

# Montreal SPIE student chapter Bi-annual report

## 15 May - 15 Dec. 2006

### A. Executive Committee

President: François Busque ([spie@polymtl.ca](mailto:spie@polymtl.ca))  
Vice President: Sébastien Besner  
Secretary: Yasaman Soudagar  
Treasurer: Jérôme Poulin

### B. Our members

1. Aref Bakhtazad
2. Bill Balouka
3. Zoe Berthiaume-Dutrisac
4. Sébastien Besner
5. Etienne Boulais
6. Paul Boyer
7. Francois Busque
8. Felix Bussieres
9. Manda Chandra Sekhar
10. Dongwook Cho
11. Marcello Ferrera
12. Ahmad Reza Hajiaboli
13. Maguelonne Héritier
14. Stéphane Larouche
15. Yannick Lize
16. Paul Ndione
17. Jerome Poulin
18. Fulvio Ratto
19. David Rioux
20. Benoit Sévigny
21. Yasaman Soudagar
22. Michael Zaezjev

### C. Report of activities held during this time period

#### 1. Creation of Website:

We have started the creation of our website, which is still under construction:  
[spie.phys.polymtl.ca](http://spie.phys.polymtl.ca)

#### 2. Social lunch:

We had many of our members from different institutions over in Polytechnique for lunch, before we held a meeting on July 6<sup>th</sup>. We had a great time while advancing our goals in terms of networking and discussing SPIE.

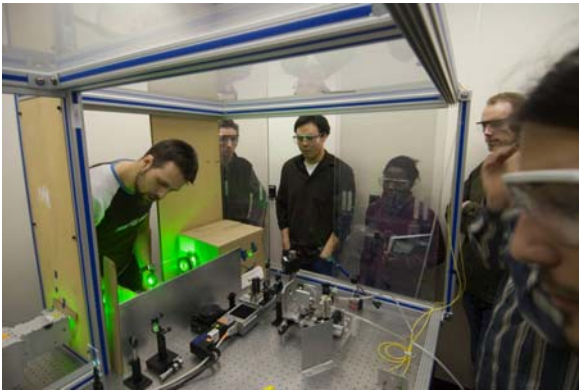
#### 3. Optics workshop

The Montréal SPIE student chapter, in collaboration with the École Polytechnique's Optical Society of America's student chapter (OSA), organized a two day optics workshop on 25 and 26 Oct. 2006, which was held in École Polytechnique de Montréal. Three distinguished researchers from various Canadian institutions were invited to give a 3-hour lecture each: Prof. Jean-Claude Kieffer from Institut National de la Recherche Scientifique (INRS), Prof. Aephraim Steinberg from University of Toronto and Prof. Carlos Silva from Université de Montréal.

The theoretical lectures were followed by lab visits, during which a number of experimental techniques for building various optical components were demonstrated to the participants.

The aim of this workshop was to introduce a variety of ongoing research topics in optics to senior undergraduate and junior graduate students, in order to help them better pinpoint their interest in a specific future research topic.

The workshop was advertised throughout all of Canada and it was a great success. We had about 30 participants from different institutions in Montréal and 6 participants from Ottawa, which is more than 200 km away from Montréal. We even had a participant all the way from Russia!



#### 4. Recruitment

We thank our member Paul François Ndione in INRS for his recruitment efforts, which has added three new members from that institution to our great team.

#### 5. Talks

We invited Professor Peter R. Herman from University of Toronto to give a talk about Laser nano-fabrication for 3-D optical and biophotonic systems. 31 persons from the department attended.

#### 6. Christmas party of 2006

We sponsored and organised the Physics Christmas party along with physics department staff of École Polytechnique de Montréal and welcomed almost every students and staff from the department. It was a great opportunity to make sure that every student is aware of our activities. We saw that many undergrads just learned about our Chapter. (Pictures can be found here: <http://gallerie.polyphoto.org/category.php?cat=386>)





## D. Future activities

1. **Social activity:** It will include members and their friends, whom we hope will join SPIE after going out with such lovely creatures as us.
2. **Optical Pizza:** During the next time period we will organize optics talks to be given by distinguished researchers in different fields of optics. These lectures will be complemented by free Pizza for all the participants.
3. **Industrial visits:** In collaboration with the SPIE chapter of Laval, we will plan visits to industries relevant to optics in different regions of the province of Quebec and Ontario.

## E. Budget statement

Our Budget is done in *Canadian dollars*, but we present it converted to today's exchange rate in US \$.

**Beginning balance:** \$ 0.00 = \$us 0.00

**Revenues:** \$ 2038.23 = \$ 1797.92

- SPIE grant: \$ 1011.91 = \$us 887.64
- Optics workshop sponsors & visibility (CIPI & OSA): \$ 1026.32 = \$us 900.28

**Expenditures:** (\$ 1939.39) = (\$us 1701.22)

- Optics workshop: (\$ 1652.65) = (\$us 1449.69)
- Social networking lunch: (\$ 130.11) = (\$us 114.13)
- Talks: (\$ 56.63) = (\$us 49.68)
- 2006 Christmas party: (\$ 100.00) = (\$us 97.72)

**Ending balance:** \$ 98.84 = \$ 86.70