### 2013 Annual Report

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Contact Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>President</td>
<td>Jason R. Grenier</td>
<td><a href="mailto:j.grenier@utoronto.ca">j.grenier@utoronto.ca</a></td>
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<tr>
<td>Secretary</td>
<td>Luis A. Fernandes</td>
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<td>Treasurer</td>
<td>Kyle Cheng</td>
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<td>Faculty Advisor</td>
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<td>Website</td>
<td><a href="http://photonics.light.utoronto.ca/spie/">http://photonics.light.utoronto.ca/spie/</a></td>
<td></td>
</tr>
</tbody>
</table>
1. List of current Student Chapter Members

Ahmet Camlica 
Samira Karimelahi
Jeffrey Cassidy 
Nghia Nguyen-Huu
Kyle Cheng 
Houman Rastegarfar
Michael Daly 
Suthamathy Sathananthan
Erden Ertorer 
Mira Sibai
Gregory Gomes 
Koloman Varady
Jason Grenier 
Andrew Weatherbee
Moez Haque 
Ronnie Wong
Fei Ye

2. Financial information

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<td>Carry Over from 2012</td>
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<td>TOTALS</td>
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3. 2013 Chapter Activities

**2013 SPIE Photonics West Conference (Feb. 2-7, 2013)**

SPIE Photonics West 2013 once again drew record attendance from around the world and the Toronto SPIE chapter was well represented with the following 7 oral presentations:


J.Li, S. Karimelahi, P.R. Herman, “Contrast of femtosecond near infrared and nanosecond deep ultraviolet laser interaction with fused silica glass,” SPIE Photonics West Conference 2013.


S. Takahashi, J. Li, P.R. Herman “Laser erasing of ultrafast laser written optical waveguides in fused silica glass,” SPIE Photonics West Conference 2013.

Congratulations to Moez Haque (third from left), member of the University of Toronto Student Chapter, who won the first place award in the student paper competition in the Commercial and Biomedical Applications of Ultrafast Lasers session at Photonics West 2013, with a prize of $1000USD awarded.

2013 RIAO/OPTILAS (July 22-26, 2013)
At the end of July Luis Fernandes participated in the RIAO/OPTILAS 2013, a conference hosted by the Faculty of Science of the University of Porto and by the SPOF (Portuguese Society for Optics and Photonics), and co-sponsored by the SPIE. In the beautiful city of Porto, Luis visited his friends and former colleagues at the University of Porto, including the members of the newly formed Porto SPIE Chapter (see picture, Luis on the left, Susana Silva at the center, and Raquel Queirós on the right, both SPIE chapter officers). Luis presented a paper on "Birefringence control in femtosecond laser written optical circuits" which was the result of a 4 year collaboration between the University of Toronto and the University of Porto and was presented with an Honorable mention for the Best PhD thesis in optics and photonics in Portugal in 2012, awarded by the Portuguese Society of Optics and Photonics. The conference was a huge success thanks to the wonderful work of the Porto SPIE chapter and the members of the organizing committee.
SPIE/OSA Laser Tag Event (June 26, 2013)

The SPIE/OSA Laser Tag Event was successfully held on June 26th 2013. 15 participants enjoyed a fun and exciting game which lasted 2 hours. As much as this is a game, it also encourages team work since participants often needed to devise strategies to defeat the opposite team.

SPIE Scholarship in Optical Sciences and Engineering

Congratulations to Ho Yiu (Kyle) Cheng for being awarded a 2013 SPIE Scholarship in Optical Sciences and Engineering for his contribution in the field of biophotonics and his contributions to student conferences and student societies in the University of Toronto.

4. Details of planned activities for the future

In Jan. 2014, we plan to invite Professor Igor Mejlinski as Visiting Lecturer to University of Toronto to conduct a lecture about optical imaging and modeling biophotonics. Since biophotonics is an emerging hot research area, this should attract researchers and students from both optical engineering and medicine, particularly when University of Toronto has two large communities of interest: Photonics group in Department of Electrical and Computer Engineering and Department of Medical Biophysics. (Budget about $1500). Members from the Toronto chapter will attend the 2014 SPIE Photonics West conference with at least confirmed oral presentations at this time. More social outings (including Laser Tag), participant in Science Rendez-Vous and an optics company visit are planned for 2014.