Student Chapter Reports

Department of Electronics, Carleton University

1125 Colonel By Drive, Ottawa, ON, Canada K1S 5B6
Current Chapter officers

President: Yule Xiong  yule.xiong.ele@gmail.com
Vice President: Kevin Graff
Secretary: Seyed Alireza Aleali
Treasurer: Wenjun Zhou

Carleton Univ. Chapter’s activities in the past

1. The SPIE Carleton Chapter establishment.

Department of Electronics, Carleton University, Ottawa, ON, Canada

May 27, 2011

Summary: Firstly of all, we selected the Chapter officers. Scott Newman became the President, Kevin Graff as the Vice-President, Yule Xiong as the Secretary and Vahidin Jupic as the Treasurer. In addition, we held official meetings every month to discuss the plan of activities. Actually, we planned to invite Professors related to photonic fields from other universities to make a lecture in Carleton University.
2. SPIE Photonics North 2011

Ottawa Convention Center, Ottawa, ON, Canada

May 16-18, 2011

Summary: The Chapter members took part in the SPIE Photonics North 2011 in Ottawa. Mr. Yule Xiong made a 10-minute presentation about “Vertically coupled Si-based athermal double-ring biosensor.” Mr. Marc Ibranhim made a poster about “Athermal silicon subwavelength grating waveguides”.

3. Leadership Development

Funded by Officer Travel Grant

San Diego, California

Summary: The former Chapter President Scott Newman participated in the Student Chapter Leadership Workshop on August and attended Optics+Photonics conference. The workshop events and the conference provided the opportunity to communicate with other Chapters from
all over the world. Mr. Scott Newman later enjoyed his experience of the workshop and conference events with all of the Carleton Chapter members.

4. Lecture by Nature Photonics Senior Editor

Carleton University, Ottawa, ON, Canada

June 22, 2011

Summary: The Chapter co-organized and took part in a lecture presented by Nature Photonics Senior Editor Rachel Pei Chin Won. She talked about “How to prepare and submit a paper to Nature Photonics.” Students and professors learned a lot of details about the requirement and tips for submitting papers to Nature Photonics Journal.
5. SPIE Photonics West 2012

San Francisco, California, USA

January 21-26, 2012

Summary: Two members of the Chapter took part in the Photonics West 2012. Chapter President Yule Xiong submitted two papers to SPIE Photonics West. One is “Low-loss photonic wires defined by LOCal Oxidation of Silicon (LOCOS)”; the other is “Temperature-independent vertically coupler double-ring sensor”. Prof. Winnie N. Ye made presentations about these two papers at the Conference.
Future activities plan:

1. Participation in SPIE conferences.
2. To prepare to visit optical labs in University of Ottawa
3. To prepare to invite professors and experts in photonics to make lectures in Carleton University.
4. To organize several lectures in photonics during our meetings
5. To visit local companies to encourage internship, and locate jobs for SPIE members
6. To cooperate with other SPIE chapters around the world, and to cooperate with OSA chapters in Ottawa.

Conclusion

As our Chapter is a brand new one, we don’t have enough experience to organize events and activities now. Maybe we need help from SPIE’s network channel in the future.
## Current list of members

<table>
<thead>
<tr>
<th>Name</th>
<th>Expires</th>
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<tbody>
<tr>
<td>Seyed Alireza Aleali</td>
<td>1 December 2012</td>
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<tr>
<td>Abdullah Alisher</td>
<td>8 December 2012</td>
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<td>Daniel Burke</td>
<td>11 January 2013</td>
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<tr>
<td>Kevin Graff</td>
<td>3 October 2012</td>
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<tr>
<td>Marc Ibrahim</td>
<td>28 October 2012</td>
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<td>Vahidin Jupic</td>
<td>14 November 2012</td>
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<tr>
<td>Scott Newman</td>
<td>20 September 2012</td>
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<tr>
<td>Yule Xiong</td>
<td>14 November 2012</td>
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<td>Wenjun Zhou</td>
<td>10 March 2013</td>
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<tr>
<td>Martin Friedl</td>
<td>16 March 2013</td>
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