

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”.



13th PHOTONICS NORTH CONFERENCE
Ottawa, Canada
Co-located with Photovoltaics Canada
Second National Scientific Conference

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Thank you so much for your participation at Photonics North 2011!

Join us next year in Montreal at the Hilton Montreal Bonaventure : June 6 to 8, 2012.

May 16-18, 2011

Ottawa Welcomes the Photonics World



On behalf of the Ontario Photonics Industry Network and Canadian Photonics Consortium, we invite you to join us in Ottawa, Canada from May 16-20, 2011 for an exciting week of photonics events. The Photonics North Conference and Exhibitor Product Showcase will be held in conjunction with the 21st International Conference on Optical Fiber Sensors (OFS21) and the International Meeting on Information Photonics (IP2011). Photonics North and the Showcase will be held at the Ottawa Convention Center, in downtown Ottawa and close to the Parliament, cultural attractions as well as many hotels and restaurants.

We look forward to meeting you in Ottawa,

Mike Scott (Chairman of Photonics North 2011)

Previous Conferences

- Photonics North 2010 Niagara Falls

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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.

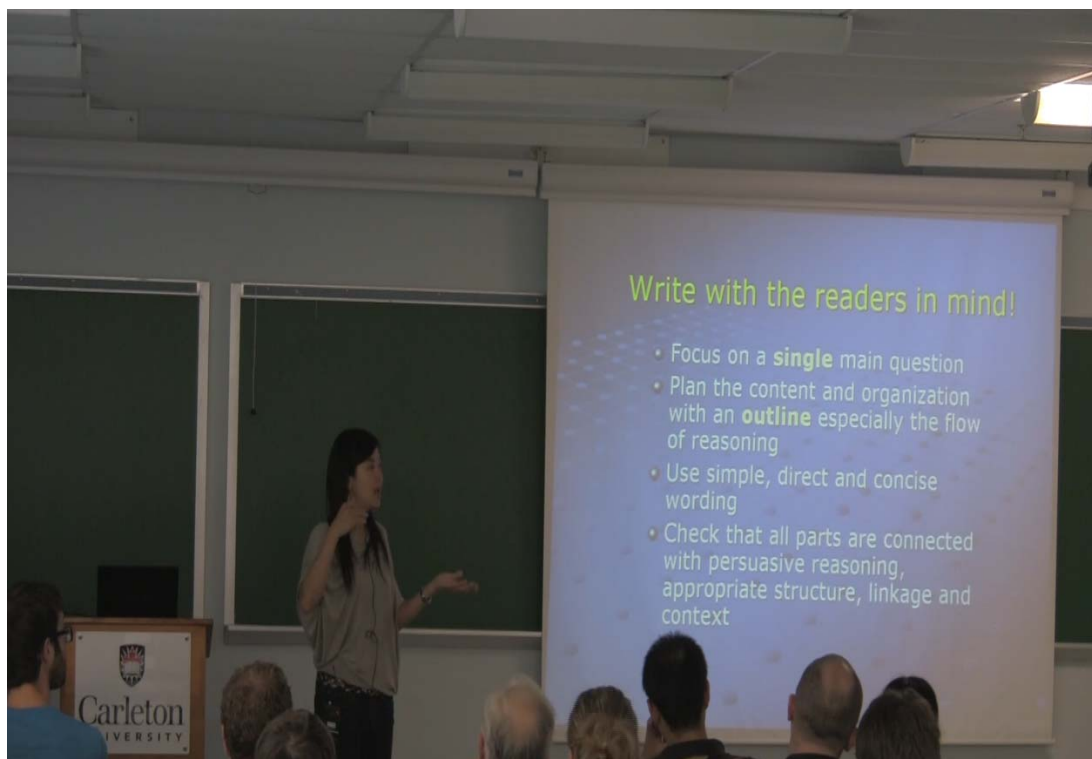
4. Lecture by Nature Photonics Senior Editor

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.



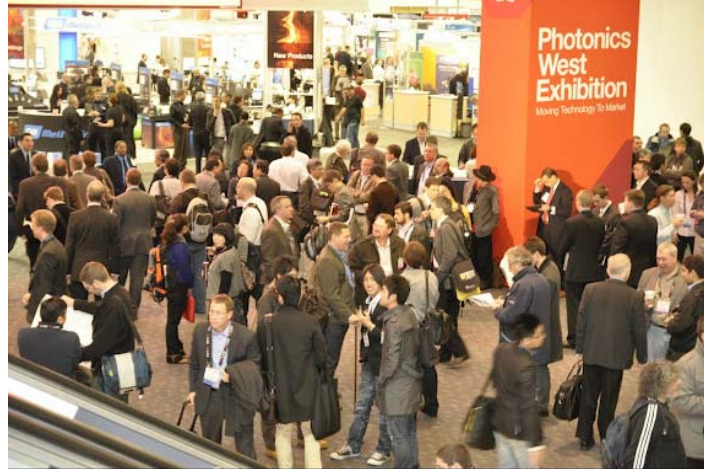


5. SPIE Photonics West 2012

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

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