



ENVIRONMENT DIVISION

CIC Environment Division - June 2010 Newsletter

You are receiving this newsletter because you are a member of the Environment Division of the Chemical Institute of Canada. It is one of the three largest Subject Divisions of the CIC and its constituent societies which is indicative of the interest all chemical professionals have in the environment. As a Division, it is our mandate to promote interest and excellence in our discipline.

The annual CSC conference took place in Toronto from May 29 to June 3rd, 2010. Jennifer Murphy organized a number of very well attended symposia on behalf of the Division. The newly minted Environmental Division Research and Development Award was presented to Dr. Scott Mabury.

Please don't forget to nominate a deserving colleague for this award. Nominations are due June 30, 2010 and the full terms of reference can be found at the following link: http://www.cheminst.ca/index.php/ci_id/1823/la_id/1.htm

The Division also sponsored an award for the best graduate student oral presentation. The recipient was Jonathan Byer.

Gas Chromatography/Mass Spectrometric Analysis of Emerging Contaminants in Fish **J.D. Byer^{a,b}, M. Alaei, S. Backus, S. Blunt, M. Keir, M. Konefal and G. Pacepavicius**, ^aEnvironment Canada, Burlington, ON; **R.S. Brown** and **P.V. Hodson**, ^bQueen's University, Kingston, ON; **M. Lebeuf** and **S. Trottier**, Fisheries and Oceans Canada, Mont-Joli, QC.

The award for the best poster went to Robert McWhinney.

Exposure of Two-stroke Engine Exhaust Particles to Ozone Increases Toxicity through Redox Cycling Activity **R.D. McWhinney** <rmcwhinn@chem.utoronto.ca>, **J.G. Slowik** and **J.P.D. Abbatt^s**, Department of Chemistry and SOCAAR, University of Toronto, Toronto, ON.

Our annual general meeting was held on Sunday, May 30th, 2010. The minutes are attached to this newsletter and also posted separately on the Division's website. A new executive was elected and we are very pleased that we now also have a student representative. We hope that we will be able to increase our interactions with the student membership. Many thanks to the outgoing chair Bill Cullen who spearheaded the revitalization of the Division.

Our first ever mixer, sponsored by Wellington Laboratories, was a smashing success. About 60 members came to the top of the CN tower and enjoyed some delicious appetizers and a few beverages while connecting with each other. I enjoyed meeting many of you there.

We, the executive committee, would like to hear from you, our members, about what interests you and what divisional activities would be of value to you. Scholarships and competitions? Special symposia within and outside the general meetings? Workshops on risk assessment? Please contact one of the executive members with ideas and suggestions.

Daniela Loock
Chair, Environment Division



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CIC Environment Division, AGM 2010, Minutes

2010 Annual General Meeting – CIC Environment Division

The Annual General Meeting of the CIC Environment Division took place in Room 201B, Metro Toronto Convention Centre, Sunday May 30, 2010, 17:25.

1. Welcome

Bill Cullen, UBC, the chair of the Division welcomed those present. He remarked that the strategy of giving out tickets to the mixer to Environment Division members immediately before the AGM seemed to be effective in attracting members to attend the meeting. This year there were 20 members present (almost 3 times as many as in 2009). Thanks go to the Wellington Laboratories who sponsored the mixer and to Pierre Beaumier who sponsored the first CIC Environment Division Award.

2. Minutes of the last Annual Meeting

The minutes of the 2009 AGM were circulated as part of the June 2009 Environmental Division newsletter. Copies of these minutes were also available to members at the meeting. The vote to approve the minutes was unanimous.

3. Chairs Report:

Jennifer Murphy, the CSC2010 Environmental Division program organizer, gave a brief report of the CSC 2010 program. Overall there were about 2000 people attending the conference. There were 5 sessions under ENV DIV and all the lectures were well attended.

The Chair gave a brief summary of the statistics of the member composition. Of the 862 members who elected the Environmental Division as a division of interest in 2009, only 389 were in the CSC. The rest of the members were in the CSChE (chemical engineering) and the CSCT (chemical technology). There has always been a need for more communication between the scientists and the engineers within the division. The establishment of a newsletter has been a good beginning of bridging the gap. Last year, 4 Newsletters were sent out via e-mail to all CIC ENV DIV members. These elicited quite a few useful responses and comments from the members. There seems to be agreement that Green Chemistry does not fit under the Environment Division umbrella which frees both parties to go their own way while allowing future cooperation. The content of the newsletter will be expanded to include information for members such as up-coming conferences and events. The chair asked the members to provide their current e-mail addresses to the committee to ensure continuing contact. At the moment we do not have this information for about 10% of the members. Please respond to CICENV@chem.ubc.ca.



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Since the last AGM, the website of the ENV DIV operated by CIC head office has been improved. It is important to keep this up-to-date.

The CIC Environment Division Award.

In last year's AGM, the Chair reported that the CIC board had approved the terms of the new Environmental Division Research and Development Award. The award for 2010 is sponsored by Pierre Beaumier (former CIC president). The CIC also approved in principle the establishment of two separate awards, one for CSC and one for CChE, when sponsors are secured. At the moment the committee is looking for sponsorship.

The winner of the 2010 CIC Environmental Division Award was Dr. Scott Mabury from the University of Toronto who was presenting his award talk at 4pm, Monday, May 31, 2010 in Room 201B, MTCC. This award session is part of 'student's day' and will include many presentations by graduate students. Members should attend these talks to give support and encouragement.

At the time of the meeting it seemed that Monday's special invited speaker, Tim Weis, from the Pembina Institute would not be attending the conference because of an illness in the family.

International Year of Chemistry

2011 has been declared the International Year of Chemistry. Members are encouraged to provide information about work that could be designated a Milestone of Canadian Chemistry. The current list has few references to Environmental Chemistry or Chemical Engineering. Please send nomination to David Dolphin, President CIC, david.dolphin@ubc.ca

For background see:

<http://www.iupac.org/web/nt/2008-12-30>

<http://www.chemistry2011.org/>

Environment Division Mixer

The first ever ENV DIV mixer will be held in the Lakeside half of the Horizon Café at the top of the CN Tower. Some tickets were given out before the AGM with the remainder to be distributed on Monday. Members were instructed to contact Vivian Lai.

4. Financial Report:

Daniela Loock, RMC, ON, the treasurer of the Division reported on 2009 financial activities and provided predicted 2010 financial requirements. As of January 1, 2010 the Division holds \$ 37,279.39. The Division received \$10,000 in sponsorship for the new award as well as for the mixer in addition to the annual society grant of \$2,016 for a total income of \$12,016. Few expenses were incurred in 2009 (\$820.93); mainly the two student awards and reimbursement of travel expenses for speakers at the CSC in

Hamilton. In 2010, estimated expenses will be higher at about \$15,600 (speakers' expenses-\$8,000; 2 student awards and the ENV DIV award-\$2,500; mixer-\$5,000 and administrative fee-\$100). If there is no new income, the Division will run a deficit of about \$2,000 but we hope to be able to attract more sponsorship next year.

5. Report from the Nominating Committee and Elections:

The Chair announced the list of nominees for office. There were no new nominations from the floor so the following committee was elected. Note the new position of student representative and the need for a member from the Montreal area to help organize the 2011 CSC Conference

Chair: Dr. Daniela Loock, Environmental Sciences Group, Royal Military College of Canada, Kingston, Ontario K7K 7B4, Tel: 613-541-6000 x6625, Fax: 613-541-6596. loock-d@rmc.ca

Vice Chair: Dr. Xing-Fang Li, Environmental Health Sciences Program, Department of Public Health Sciences, Faculty of Medicine and Dentistry, University of Alberta, 10-102 Clinical Sciences Building, Edmonton, Alberta, T6G 2G3 Tel: 780-492-5094. XingFang.Li@ualberta.ca

Past Chair: Dr. William R. Cullen, FCIC, Professor Emeritus, Chemistry Department, University of British Columbia, Vancouver BC V6T 1Z1, Tel: 604-822-4435. wrc@chem.ubc.ca

Treasurer: Dr Jennifer G. Murphy, Department of Chemistry, University of Toronto, 80 St. George Street, Toronto, Ontario M5S 3H6 Tel.416-946-0260. jmurphy@chem.utoronto.ca

Dr. Joffre M. Berry, Chemical Sciences, Environmental Chemistry Program, British Columbia Institute of Technology, Burnaby, B.C. V5G 3H2, Tel: 604-432-8258. Joffre_Berry@bcit.ca

Dr. Hans Osthoff, Department of Chemistry, University of Calgary SA 109 2500, University Drive NW, Calgary, Alberta, T2N 1N4 Tel: 403-220-8689 hosthoff@ucalgary.ca

Student member: Keegan Rankin, University of Toronto krankin@chem.utoronto.ca

TBD CSC 2011 Montreal Representative

6. Other Business:

There was discussion about the role of the Environmental Division within CIC and how it could make a greater impact internally and externally. One member, Don Gamble, Saint Mary's University, offered the following motion for consideration:

That CIC on behalf ENV DIV propose that the Governments of Canada, the United States and the European Union coordinate international reforms of pesticide registration procedures.

Dr Gamble pointed out the there was a need to reform the procedure to achieve benefits of both cost and safety. The Chair responded that he doubted the meeting in particular and the Division in general was in a position to vote on such a motion; however, he suggested that Dr Gamble write a position paper for publication in an upcoming issue of the newsletter so that all members could be informed about the issue. This could be then be amended and amplified and sent to CIC/CSC to support further action if that was the wish of the membership.

7. Vote of thanks

The Chair acknowledged the very generous contributions from Pierre Beaumier (former CIC president) to support the Environment Research and Development Award and from Wellington Laboratories to support the general activities of the Division. This year some of this money was used for the mixer. The meeting echoed these sentiments with much enthusiasm.

Ms. Sarah Silver, who organized the mixer for the division, was also warmly thanked.

8. Adjournment

There being no further business the meeting was adjourned at 17:55.