



Catalysis Division NEWSLETTER

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www.chimiste.ca/divisions/catalysis

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Our division is a member of the
Chemical Institute of Canada (CIC)
and a club of the North American
Catalysis Society (NACS)
www.nacatsoc.org



Contributors to this issue: Ajay Dalai,
William Epling, Craig Fairbridge, and
Serge Kaliaguine.

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Report from the Chair

On the behalf of the Executive Committee and myself, I welcome all the members of the Division. In the past year, the Division has seen a substantial growth in membership now exceeding 200. I would like to draw your attention to the Division website (www.cheminst.ca) and ask you to provide input to Dr. Ying Zheng at yzheng@unb.ca for further improvement of the website. Also, we need to approach nonmembers and ask them to consider joining our Division.

Professor Enrique Iglesia from the University of California, Berkeley has successfully completed his Cross-Canada Lecture Tour (CCLT). Thanks to Professor Flora Ng for coordinating his tour to Canada. Dr. Craig Fairbridge has coordinated my visit to 11 universities in Canada starting in this month as part of the Canadian Catalysis Lectureship Award (CCLA) and for the promotion of catalysis theme.

This newsletter contains information on the call for nominations for CCLT and CCLA. I request all to nominate candidates for these awards prior to January 27, 2012. Also, I would like to see strong participation and presentations especially by students at the 22nd Canadian Symposium on Catalysis from May 13-16, 2012 in Quebec City (www.22csc.ca). The deadline (December 1, 2011) for the submission of the abstracts is fast approaching. I congratulate the students who received travel awards from the Canadian Catalysis Foundation (CCF) for their paper/poster presentations at the NACS conference in June.

In addition, I request all to consider participating at the 15th International Congress on Catalysis from July 1-5, 2012 in Munich, Germany (www.icc2012.org). I thank all those who have been working hard to contribute significantly to the Division activity and request others to come forward to serve the Division. Also, special thanks to Drs. Josephine Hill and Serge Kaliaguine for looking after the Catalysis Division Newsletter in a timely manner.

The division is doing extremely well financially and can do better with your active participation. Please contact me if you need more information on the Division and contact Professor Flora Ng if you wish to serve the Division.

Ajay Dalai

Call for Nominations for 2012 Awards

The Catalysis Division is now accepting nominations for the 2012 Cross-Canada Lecture Tour (CCLT) Canadian Catalysis Lectureship Award (CCLA). A description of this award follows and the nomination forms are attached at the end of the newsletter. Nominations should be sent to Bill Epling, (wepling@uwaterloo.ca), Awards Committee Chair before **January 27, 2012**. Please consider nominating a deserving colleague.

Cross-Canada Lecture Tour (CCLT)

The directors of the CCF recognize the necessary interaction of the Canadian catalysis community with the other members of the international community. To help foster such interactions the CCF has established and sponsors a biennial Cross-Canada Lecture Tour in which an internationally prominent catalysis worker lectures at several sites across Canada. The intent of this award is to choose a speaker to present lectures at 4-6 locations across Canada. The speaker will be someone active in the field of catalysis who is recognized as a leader in the field, without regard for nationality or location at which the research was carried out. The selection of the speaker is made by a committee appointed by The Catalysis Division. The tour will be held every two years, in alternate years to the Burwell Lectureship.

Canadian Catalysis Lectureship Award (CCLA)

The CCF created and sponsors the Canadian Catalysis Lectureship Award. The lectureship is restricted to Canadians who are currently working in Canada in the area of catalysis, and is intended to provide exposure for Canadian scientists and engineers. The lecture tour is to be held annually, and to include 4 to 6 Canadian cities. It will be offered to a limited number of locations in the USA as well, the sites to be determined through The North American Catalysis Society, of which The Catalysis Division of CIC is a member. The recipient will be chosen by a committee appointed by The Catalysis Division, and could be either a researcher recognized as a leader in a particular field of research, or someone who has just completed a new and interesting or controversial piece of work but who is not yet widely recognized.

Award Winners

Lectureship (CCLA):
2008 No award given
2009 M. Baird
2010 C. Crudden
2011 A. Dalai

Lecture Tour (CCLT):
2004 J.A. Dumesic
2006 A. Corma
2008 No award given
2010 E. Iglesia

2011 Canadian Catalysis Lectureship Award: Dr. Ajay Dalai

Professor Dalai of the University of Saskatchewan is the 2011 CCLA recipient. He is tentatively scheduled to visit UBC, Alberta, Calgary, Waterloo, McMaster, Toronto, Ottawa, École Polytechnique de Montréal, Université de Sherbrooke, UNB and Memorial on his Lecture tour. The title of his presentation is "Development of Carbon Nanotubes Supported Novel Catalysts for Fischer-Tropsch and Higher Alcohol Syntheses". Please contact his hosts (names below) directly for more information on his visits or contact Craig Fairbridge (craig@NRCCan.gc.ca).

October 2011: Flora Ng (ftng@uwaterloo.ca), Shiping Zhu (zhuship@mcmaster.ca)

March 2012: Naoko Ellis (nellis@chbe.ubc.ca), Josephine Hill (jhill@ucalgary.ca), Robert Hayes (bob.hayes@ualberta.ca)

April 2012: Charles Mims (charles.mims@utoronto.ca), Marc Arnold Dube (Mmarcdube@uottawa.ca), Jamal Chaouki (jamal.chaouki@polymtl.ca), Nicolas Abatzoglou (nicolas.abatzoglou@usherbrooke.ca)

May 2012: Zheng, Ying (zyheng@unb.ca), Kelly Hawboldt (khawboldt@mun.ca)

North American Catalysis Meeting

Approximately, 20 members (including ~10 students) of the Division attended the North American Catalysis Society Meeting in Detroit (June 5-10, 2011). This meeting was attended by over 1300 people, with ~1000 presentations including 448 regular orals, 24 keynotes, 3 plenaries and the rest as posters. Six graduate students from Canadian universities who travelled to Detroit to attend the North American Catalysis Meeting and present either a poster or oral presentation have been awarded travel assistance grants by the Canadian Catalysis Foundation. The recipients of the grants for 2011 are:

Chinmoy Baroi: University of Saskatchewan

Sidhartha Mohanty: University of Saskatchewan

Yin Liu: University of Waterloo

Mohammad Rezwanul Quddus: University of Western Ontario

ASM Jahirul Islam Mazumder: University of Western Ontario

Zahra Sarshar: Université Laval

22nd Canadian Symposium on Catalysis: Catalysis: a Science of Universal Application Quebec City, May 13-16, 2012

Serge Kaliaguine reports that the 22nd Canadian Symposium on Catalysis is shaping up nicely. All pertinent information can be retrieved from the web site www.22csc.ca. In addition to the already impressive list of invited speakers which includes Sir John Meurig Thomas, Professor Can Li, Professor James Dumesic, Professor Ferdi Schueth, Dr Frederic Jaouen, Professor Cathleen Crudden, two more distinguished speakers were announced recently, namely Professor Mario Pagliaro and the recipient of the Burwell award, Professor Johannes Lercher. Of course the recipient of the CIC Catalysis Award will also speak. Please keep the deadline for abstract submission in mind: December 1st, 2011.

Get New Members

Please advertise our division to your colleagues and encourage them to become a Catalysis Division Member. Our division can be chosen when submitting your annual CIC membership dues.

Please forward any comments or suggestions for the newsletter to jhill@ucalgary.ca.

Award Nomination Form for Canadian Catalysis Lectureship Award (CCLA) and Cross-Canada Lecture Tour (CCLT)

Date of Nomination:

Nominator Name and Email Address:

Award Name:

Name of Nominee:

Title:

Address:

Website:

Tel. No.:

Fax. No.:

Email:

Checking this box indicates that the nominee has been made aware of, and is willing to abide by the conditions of the award.

The nomination must include the following:

1. Public Summary of Nominee - not to exceed 150 words and to be published in the Newsletter and on the website if the Nominee is successful.
2. Biographical Sketch – maximum of one page; provide a description of the impact of the nominee’s research work, and indicate why the nominee should receive the award.
3. Abbreviated Curriculum Vitae – maximum of eight pages; include educational and employment history.

Nominations should be sent to Bill Epling, (wepling@uwaterloo.ca) Awards Committee Chair before **January 27, 2012**.

Conditions of Awards:

The recipient is to visit and present lectures at 4-6 locations across Canada. The tour should be completed within 12 months of receiving notice of the award.