



The CORs Bulletin

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IN THIS ISSUE

Dear CORS members,

Of chief interest in this issue of the Bulletin are the biographies of the slate of candidates for next year's Council. We have four superb candidates for 2014-2016 Councillor, so there will be an election very soon (with a difficult choice to be made).

In my time on Council, I have learned that we are extremely fortunate to have truly amazing volunteers serving CORS. Although all Council members are highly dedicated, I would particularly like to highlight the efforts of Dionne Aleman and Navneet Vidyarathi as the long-serving and very conscientious CORS Secretary and Treasurer, respectively, who are running again for those positions.

You will also find inside extensive updates and information about the upcoming Annual Conference, 26-28 May, in Ottawa. It should be a terrific program with some very interesting plenary speakers, so be sure to attend.

This is my last issue as CORS Bulletin Editor. I would like to thank Andrea Friars, P.Eng., of the Scotsburn Dairy Group for taking over as Editor, and I know she will do an excellent job. I also thank Erla Anderson for her outstanding assistance with production of the Bulletin and thank each of you who contributed articles and items to the Bulletin during my enjoyable term.

Cheers,

Diane Bischak
Editor

Editor

Andrea Friars

Publisher

CORS / SCRO
Box 2225, Station D
Ottawa, ON K1P 5W4

Distributor

Erla Anderson

Elected Officers

President
Vice-President
Past-President
Secretary
Treasurer
Councillors

Corinne MacDonald
Taraneh Sowlati
Elkafi Hassini
Dionne Aleman
Navneet Vidyarathi
Diane Bischak (12/14)
Jonathan Patrick (12/14)
Xuan Zhao (13/15)
Robert Allie (13/15)

Standing Committees

Awards

Taraneh Sowlati,
Diane Bischak, Robert Allie
Mehmet Begen
Xuan Zhao
Taraneh Sowlati, René
Séguin
Robert Allie
Bernard Gendron,
Andrea Friars,
Armann Ingolfsson
Elkafi Hassini,
Corinne MacDonald, Peter
Bell, David Martell, Richard
Caron
Taraneh Sowlati

Education Membership Program

Public Relations Publications

Past Presidents Advisory Board

SIG

Ad hoc Committees

Practice Prize Student Paper Competition Award of Merit

Richard Caron
Benny Mantin, Anjali Awasthi

Financial Planning

Elkafi Hassini, Derek Atkins,
Oded Berman
Navneet Vidyarathi, Elkafi
Hassini,
Corinne MacDonald,
Taraneh Sowlati
Elkafi Hassini
Elkafi Hassini, Bernard
Gendron,
Samir Elhedhli, Navneet
Vidyarthi,
Armann Ingolfsson
Corinne MacDonald,
Bernard Gendron, Elkafi
Hassini,
Armann Ingolfsson
Elkafi Hassini

Nominating INFOR Publisher Search

Strategic Planning

Travelling Speakers Program

Bernard Gendron
Dionne Aleman
Erla Anderson
Erla Anderson
<http://www.cors.ca>

INFOR Editor IFORS Representative Membership Services Web Administrator WWW

THE 2013–2014 COUNCIL

CORS Council is made up of the Officers of the Society, four Councillors, the Immediate Past President, a representative designated by each local section of the Society, and the Standing Committee Chairs. Contact information for 2013–2014 Council representatives is provided below. For a complete listing go to www.cors.ca.

President	Corinne MacDonald, Dalhousie University, corinne.macdonald@dal.ca
Vice-President	Taraneh Sowlati, University of British Columbia, taraneh.sowlati@ubc.ca
Secretary	Dionne Aleman, University of Toronto, aleman@mie.utoronto.ca
Treasurer	Navneet Vidyarthi, Concordia University, navneetv@jmsb.concordia.ca
Past President	Elkafi Hassini, McMaster University, hassini@mcmaster.ca
Councillor	Diane Bischak, University of Calgary, diane.bischak@haskayne.ucalgary.ca
Councillor	Jonathan Patrick, University of Ottawa, patrick@tefler.uottawa.ca
Councillor	Xuan Zhao, Wilfrid Laurier University, xzhao@wlu.ca
Councillor	Robert Allie, Weston Foods, robert.allie@readybake.com
Atlantic	Claver Diallo, Dalhousie University, claver.diallo@dal.ca
Quebec	Irène Abi-Zeid, Université Laval, irene.abi-zeid@osd.ulaval.ca
Montréal	Louis-Martin Rousseau, École Polytechnique de Montréal, louis-martin.rousseau@polymtl.ca
Ottawa	Dragos Calitoiu, Bank of America, Ottawa, calitoiu@optimod.ca
Kingston	Jeffrey I. McGill, Queen's University, jmcgill@business.queensu.ca
Toronto	Joseph Milner, University of Toronto, milner@rotman.utoronto.ca
SW Ontario	Fredrik Odegaard, University of Western Ontario, fodegaard@ivey.uwo.ca
Winnipeg	Currently vacant
Saskatoon	Winfried Grassmann, University of Saskatchewan, grassman@cs.usask.ca
Calgary	Maurice Elliott, Husky Energy, maurice.elliott@huskyenergy.ca
Edmonton	Armann Ingolfsson, University of Alberta, armann.ingolfsson@ualberta.ca
Vancouver	Stuart Donald, University of British Columbia, stuart.donald@sauder.ubc.ca
Toronto Student	Derya Demirtas, University of Toronto, demirtas@mie.utoronto.ca
Waterloo Student	Saul Qishu Cai, University of Waterloo, saulcai@hotmail.com

PRESIDENT'S MESSAGE

Dear CORS Members,

After what feels like an incredibly long winter, spring seems to be finally here! Already we are only a few weeks away from the 56th CORS Annual Conference in Ottawa, May 26-28th. The Annual General Meeting and Luncheon will take place on Tuesday, May 27th, and the Awards Banquet will take place that evening. The program is coming together quite well and I expect it will be an excellent meeting.

As I promised earlier in the year, the Council has been working to document and organize our administrative procedures. We have revised some of the financial procedures, updated the way we deal with invoicing membership dues, and completed a draft of a conference-planning document for future organizing committees. We have updated the procedures in our Administrative Handbook for the nomination of the Larnder Lecturer, the Omand Solandt Prize, and the Service Award winners. We continue to look for ways to make our operations more efficient and to ensure continuity from year to year.



During my involvement with CORS Council, I have become familiar with the operations of other OR societies. One thing I would like to highlight in this edition of the Bulletin is that most of the work of our society is done by volunteers. Our "staff" consists of one person: our Membership Services provider, Erla Anderson, who does a great job for us handling our membership roster and other administrative functions. All other society work is handled by volunteer members, and I would like to acknowledge some of them right now. First, our long-serving INFOR editor, Bernard Gendron, has decided to step down this year. Bernard has made a tremendous contribution to our society's journal, ensuring its long-term health well into the future. He will be truly missed in this role. Another of our volunteers deserving thanks is Diane Bischak, who is stepping down as Bulletin editor as of this issue. I'm sure she will join me in welcoming our new editor, Andrea Friars. I would also like to acknowledge and thank the organizers of the Ottawa conference, especially General Chair, René Séguin, and Program Co-chairs Jonathan Patrick and Yiqiang Zhao, for all of the effort it takes to put on such an event.

This issue of the Bulletin includes the candidates for positions on next year's Council. Thank you for getting involved, and a big thanks to the members of this year's Council for their hard work. We have one more Council meeting to go before our Annual General Meeting on May 27th; if you have any issues you want Council to consider before the AGM, please forward them to our secretary, Dionne Aleman.

I would like to finish by saying that if you have any questions, or feedback on the society, please do not hesitate to get in touch.

All the best, Corinne MacDonald



COUNCIL CORNER

- Council received a webinar presentation on the Certified Analytics Professional (CAP) exam from Gary Bennett, Louise Wehrle, and Scott Nestler (chair of the Analytics Certification Board) of INFORMS. CORS Council endorsed the CAP exam. INFORMS plans to hold a CAP exam at the Ottawa annual conference. The CORS Analytics Committee will discuss analytics strategic directions with the Past Presidents Committee.
- SSHRC has ceased conference travel funding for students. CORS will apply for the SSHRC Connection grant for 2015, which may be a replacement for the previous program, although it emphasizes industry partnerships. Council approved moving funds to create student funding for the 2014 conference.
- Council wants to have a central repository of section information to provide greater continuity. Councillor Robert Allie will investigate community bank accounts that would mitigate challenges encountered when section leadership changes.

ANNOUNCEMENTS

It's time to renew your CORS membership

Don't forget to renew your CORS Membership.

Go to <http://www.cors.ca> to renew online using your VISA® or MasterCard® or AMEX® credit card

OR

Mail your credit card information or a cheque payable to the Canadian Operational Research Society to CORS-SCRO, Box/C.P. 2225, Station D, Ottawa, ON K1P 5W4.

If you do not wish to continue as a member of the Society, please contact Erla Anderson at erla@shaw.ca.

NOMINEES FOR 2014-2015 CORS COUNCIL

Vice President: Fredrik Odegaard, Ph.D.

Fredrik Odegaard is an Assistant Professor at Ivey Business School, Western University. He has a PhD in Management Science from Sauder School of Business, UBC. His main research areas are in Revenue Management and Health Care. Fredrik has actively been involved with CORS for the past several years serving as the former Chair of the Education Committee, the Southwestern Ontario Section officer, and Cluster Chair at several CORS Annual Meetings.



Secretary: Dionne M. Aleman, Ph.D., P.Eng.

Dionne M. Aleman is an assistant professor at the University of Toronto in the Department of Mechanical and Industrial Engineering. Her research involves applying distributed computing methods to large-scale medical and healthcare decision making problems, specifically, designing radiation therapy treatment plans, modelling and planning for pandemic disease outbreaks, and matching donors and recipients for bone marrow transplants. Prof. Aleman is a Topical Editor for the Wiley Encyclopedia of Operations Research and Management Science, and an Associate Editor for IIE Transactions on Healthcare Systems Engineering and for the International Journal of Biomedical Data Mining. Within INFORMS, Prof. Aleman is a Councillor for the Health Applications Society, past President of Junior Faculty Interest Group, past Chair of the Health Applications Society, and past Secretary and Treasurer for SPPSN. She has served as the CORS Council Secretary since June 2011.



Treasurer: Navneet Vidyarthi, Ph.D.

Navneet Vidyarthi is an Assistant Professor in the Department of Supply Chain and Business Technology Management at the John Molson School of Business, Concordia University, Montreal. He holds a Ph.D. degree in Management Sciences from the University of Waterloo, a master's degree in Industrial Engineering from the University of Windsor and a bachelor's degree in Mechanical Engineering from the North Eastern Regional Institute of Science and Technology, India. His research interests are in the broad area of supply chain management, facility location and network design, disruptions and risk management in supply chains, disasters relief supply chains and humanitarian logistics, health care operations management. His methodological interests include large-scale optimization, simulation based optimization, and meta-heuristics. His works have appeared in *Transportation Science*, *IIE Transactions*, *Computers and Operations Research*, *Health Care Management Science* and *International Journal of Production Research* among several others. His research is supported by grants from Natural Sciences and Engineering Research Council of Canada, and FQRSC, Quebec. He has won awards including the Petro Canada Young Investigator Award, NSERC Post-Doctoral Fellowship and NSERC Alexander Graham Bell Canada Graduate Scholarship. He has also received honourable mention in the 2007 Canadian Operational Research Society (CORS) student paper competition. He is a member of CORS, INFORMS, and the Waterloo Management of Integrated Manufacturing Systems (WATMIMS) research centre. He has organized the 2007 South Western Ontario Operational Research Day (SWORD) at Waterloo. Navneet has served as CORS Treasurer since May 2009.

**Councillor 2014-2016: Benny Mantin, Ph.D., P.Eng.**

Benny is an assistant professor in the Department of Management Sciences at the University of Waterloo, Canada. He received his Ph.D. from the University of British Columbia, and M.Sc. as well as B.Sc. from Tel-Aviv University. His research covers different aspects of dynamic pricing and revenue management, supply chain management, and transportation economics. Using game theory frameworks, he seeks to explore and understand the strategic interactions between suppliers, vendors, and consumers in different market settings. He also conducts extensive empirical work. Benny is a professional engineer and a member of Professional Engineers Ontario. His research has been published or accepted for publication in numerous journals such as *Production and Operations Management*, *Naval Research Logistics*, *Transportation Research Parts B and E*, *European Journal of Operational Research*, and *International Journal of Production Economics*. Benny is a board member of the *Journal of Air Transport Management*. His research



has been recognized and supported by NSERC (Discovery Grant and Engage), MITACS, and UW/SSHRC. His PhD studies were supported by an SSHRC doctoral scholarship, E. D. MacPhee Memorial Fellowship, and Leslie G. J. Wong Memorial Scholarship, among others. Prior to his Ph.D. studies, Benny had several years of industry experience in analysis, approval and monitoring of major projects, consulting in process modeling and analysis as well as application of activity-based costing. Recently, he has also been engaged in consulting on air-transport policies.

Councillor 2014-2016: Peter Vanberkel, Ph.D., P.Eng.

Dr. Vanberkel is an assistant professor with the Department of Industrial Engineering at Dalhousie University and a Staff Scientist at the IWK Health Centre. He has a PhD from the University of Twente (The Netherlands) and was the first graduate from the Center for Healthcare Operations Improvement and Research, the knowledge center for optimization of healthcare processes and research in the Netherlands. Dr. Vanberkel teaches courses on the fundamentals of industrial engineering, computer simulation, and healthcare operations research. His research is funded by NSERC, NSHRF, Innovacorp, RRFB, NRC and hospitals in Atlantic Canada. He is a past winner of the CORS practice prize and the Dutch Society for Operations Research - ORTEC Excellence in Advanced Planning award.



Councillor 2014-2016: Sonia Vanderby, Ph.D.

Sonia Vanderby is an Assistant Professor with a joint appointment in the Colleges of Engineering and Medicine at the University of Saskatchewan. She earned her doctorate in Industrial Engineering from the University of Toronto, after which she did a post-doctoral fellowship also at U of T. She then worked as a Senior Policy Advisor at the Ministry of Health and Long-Term Care in Ontario. After fleeing the Ministry, she became a visiting scholar at the University of Calgary, while also continuing to pursue research at the Centre for Research in Healthcare Engineering at the University of Toronto. She has also previously taught undergraduate and graduate courses at York University, U of T, and Sheridan Institute of Technology.



Her current appointment between the Departments of Mechanical Engineering and Medical Imaging is intended to create a bridge between the Colleges, initiating more opportunities for inter-college collaborations. Her joint appointment stems from the fact that her research has been focussed on the health care sector throughout her career, which has led to publications in both operations research and medical journals including Radiology, Annals of Thoracic Surgery, and the Journal of the Operations Research Society. With grant funding from several sources, including NSERC, CIHR, the Saskatchewan Health Research Foundation, and the Canadian Radiology Foundation, her current research is focussed on applying operations research tools, particularly simulation, to patient flow and resource utilization challenges in the areas of osteoarthritis patient care, and medical imaging resource use and access. In addition to research, she currently teaches operations research/management science tools and methods to both undergraduate engineering students and radiology residents at U of S, and serves on several committees at the department, College and University levels.

Councillor 2014-2016: Manish Verma, Ph.D.

Manish Verma is an Associate Professor in the Operations Management Area at the DeGroote School of Business, McMaster University. He completed his doctoral studies in operations management from the Desautels Faculty of Management, McGill University in 2005 – and was working with the Faculty of Business Administration of Memorial University until July 2013. He was the Chair of CORS Student Paper Competition from 2006-2009, and the Program Chair for the 2011 CORS Annual Conference in St. John's. His research interests are in multimodal transportation of dangerous goods, risk assessment and management, network design and planning issues in transportation, and global logistics.



**56th CORS Annual Conference, May 26-28, 2014,
Marriott Hotel, Ottawa, Canada**

Monday May 26	Tuesday May 27	Wednesday May 28
07h30 - 08h30 Past Presidents Breakfast		
08h30 – 10h00 Parallel sessions	08h30 – 10h00 Parallel sessions	08h30 – 10h00 Parallel sessions
10h30 – 11h30 Plenary session Dr. Margaret Brandeau, Coleman F. Fung Professor of Engineering, Stanford University	10h30 – 11h30 Plenary session Harold Larnder Prize Lecture Dr. Jonathan Rosenhead, The London School of Economics and Political Science	10h30 – 11h30 Parallel sessions
11h30 – 13h:00 CORS Council Meeting	11h30 – 13h:00 CORS Annual General Meeting	12h00 – 13h:30 CORS Council Meeting
13h00 – 14h30 Parallel sessions	13h00 – 14h30 Parallel sessions	
15h00 – 16h30 Parallel sessions	15h00 – 16h30 Parallel sessions	
16h30 – 18h00 Parallel sessions	16h30 – 18h00 Parallel sessions	
18h00 - 19h00 Special Interest Groups	18h00 - 19h30 Cocktail Reception	
18h00 - 23h00 Welcome Reception	19h30 - 22h00 Banquet Dinner	

CORS 2014 Registration Fee Schedule (in Canadian Dollars)

Early bird Fees - Until April 15, 2014 Fees will increase on April 16th.	Early Bird	After April 15, 2014
REGULAR (CORS Member)	\$400	\$490
REGULAR (Non-Member)	\$510	\$600
STUDENT (CORS Member) (student fees do not include Banquet dinner)	\$100	\$120
STUDENT (Non-Member) (student fees do not include Banquet dinner)	\$140	\$160
RETIREE (CORS Member)	\$200	\$245
GUEST (Banquet)	\$90	\$110
Student (Banquet)	\$90	\$110
Please note: fees shown <u>do not include HST.</u>	All on-site registrations will incur an additional \$25.00 administration fee.	

www.telfer.uottawa.ca/cors2014



Scientific Program: 15 clusters, 80 sessions, and over 272 presentations

Cluster	Cluster chair(s)
Health care	Dr. Jonathan Patrick
Queuing Theory/Stochastic Optimization	Dr. Doug Down and Dr. Myron Hlynka
Forestry	Dr. Mikael Rönnqvist
Optimization	Dr. Kevin Cheung
Paper Competitions/ OR in Education	Dr. Mehmet Begen
Scheduling/Transportation	Dr. Jean-François Cordeau
Supply Chain	Dr. Arcan Nalca
Revenue Management	Dr. Xiao Huang
Finance & Risk Management	Dr. Jonathan Li & Dr. Erick Delage
Military	Dr. René Séguin
Telecommunications	Dr. Jun Li and Dr. Yifeng Zhou
Mutli-Criteria Decision Making	Dr. Sarah Ben Amor
Location Models	Dr. Mozart Menezes
Energy, Natural Resources and the Environment	Dr. Dan Lane and Dr. Cheng-Marshal Wang

HOTEL/TRAVEL

Ottawa Marriott Hotel
100 Kent St., Ottawa, ON K1P 5R7
(613) 238-1122

\$172 per night.

Includes complimentary WiFi in all guest rooms.

[Book your group rate: CORS CONFERENCE RFQ 2014](#)

If you prefer to make your reservation by telephone call 1-800-853-8463 and mention the group code “CORCORG”. All reservations must be made before the cut-off date which is April 25 2014.

Any reservations received after this date will be accepted based on room type availability at time of request, at the Hotel’s prevailing rate of the day.

2014 CORS PRACTICE PRIZE COMPETITION

The Practice Prize Competition recognizes the outstanding application of OR by practitioners in Canada and it attracts quality papers to the CORS Annual Conference.

Award

The Prize Committee will determine, at its discretion, First, Second and Honourable Mention awards and the distribution of up to \$1800 in prize money according to the extent to which the finalists have reported on a completed, practical application with results that had a significant, verifiable and (preferably) quantifiable impact on the performance of the client organization. Every member of the winning teams receives a certificate.

Eligibility

The applicant must be a resident of Canada. The submission must include work completed over the last two years, but the entire project may have taken place over a longer period. The project may include published work, but it cannot have been previously submitted to this competition.

The Process

By **February 28, 2014** submit e-copies of the following to Rick Caron (rcaron@uwindsor.ca):

1. An abstract, not exceeding 500 words, outlining the successful application of OR.
2. A letter from an executive of the client organization attesting that the application had an impact and giving permission for the project to be presented at the CORS Annual Conference.
3. The names, titles, phone numbers and e-mail addresses of all authors and of at least one executive of the client organization.

By **March 31, 2014** the Judging Committee, consisting of three past winners of the Practice Prize, will select up to four finalists according to the following criteria:

1. The challenge of the application of OR and the significance of the problem.
2. The quality of the analysis and modeling, and implementation of the results.
3. The impact on the client organization.

By **April 30, 2014** the finalists must:

1. Submit a detailed written report, not exceeding 25 pages in the body, presenting a "case history" of the project describing its development from start to finish and focussing on the challenges and results.
2. Submit a one page project summary, suitable for publication in the CORS Bulletin and on the CORS website.
3. Present the project at the Practice Prize Sessions at the CORS National Conference (May 26-28, 2014) in Ottawa.

On the basis of the written report and the oral presentation the judges will determine the prizes to be awarded and announced at the banquet. The committee reserves the right not to award any prize.

Rick Caron, Chair of the Practice Prize Committee.
Department of Mathematics and Statistics, University of Windsor
rcaron@uwindsor.ca

2014 HAROLD LARNDER AWARD WINNER



Jonathan Rosenhead became Professor of Operational Research at the London School of Economics in 1987. Previously he had worked in the steel industry and as a management consultant, and has held positions at the University of Pennsylvania. He is the author of over 100 professional publications; his jointly edited book *Rational Analysis for a Problematic World Revisited* established the field of Problem Structuring Methods (sometimes called Soft OR). He was President of the UK Operational Research Society in 1986-7, and holds its President's, Goodeve and Beale Medals.

Can OR help in a Crisis?

Harold Larnder Memorial Lecture, 2014

Jonathan Rosenhead

Operational research was born in and of a crisis. In extremis, even scientists were allowed in to help. In a sense the situation our pioneers confronted was simplified by the over-riding imperatives of the wartime conflict. But in the 70 postwar years we have mostly continued to handle problems which have a clear consensual metric. Unfortunately crises these days are more complexly connected, dividing us among ourselves – think of climate change. Can OR help in a crisis?

CORS SECTIONS NEWS

Toronto Student

CORS/INFORMS Toronto Student Chapter held four academic and three social events since February 2014, including:

- “ A Cryptanalytic Time-Memory Trade-Off”, Ms. Rebecca Boren, Exploitation Cryptanalyst, NSA (February 25)
- Meet and Greet with Speakers: Dr. Helmut Mausser, Mathematician, Quantitative Research Group, Risk Analytics at IBM. (March 28)
- Student talks by Nidarsha Attanayake, Anna Graber, and Akram Khaleghei (February 3, March 11, March 25)
- Board game nights (February 26, March 26)

The Toronto Chapter also contributed to the Fourth Toronto Operations Research Challenge (TORCH 2014) which was successfully held on March 15th at the University of Toronto. TORCH is an annual one-day contest, where high school student teams solve problems related to Operations Research. This year, 95 high school students participated in the competition.

Please visit our website org.mie.utoronto.ca/ for upcoming events and to become a member.

CORS SPECIAL INTEREST GROUPS

CORS Council recently approved a policy on Special Interest Groups (SIGs). A SIG provides a mechanism to promote CORS, the SIG area and the SIG members, as well as the opportunity for CORS members with common interests to interact and network.

SIGs formed so far include:

- CORS Queueing Theory SIG: contact Doug Down (downd@univmail.cis.mcmaster.ca, McMaster University, Department of Computing and Software).
- CORS Health Care Operational Research SIG: contact John Blake (john.blake@dal.ca, Dalhousie University, Department of Industrial Engineering).
- CORS Forestry SIG: contact Jean-François Audy (Jean-Francois.Audy@cirrelt.ca, Researcher & Network Liaison Manager at the NSERC Strategic Research Network on Value Chain Optimization), or go to <http://cors-forestrysig.pieorswirls.com/>.

If you would like to join a SIG, contact the persons listed above, or simply indicate that you would like to join when you renew your CORS membership.

CORS encourages members with common interest in an area within or related to operational research to form additional SIGs. More information about SIGs can be found online at <http://www.cors.ca/en/membership/index.php>. Discussions are underway about forming SIGs in several additional areas. If you are interested in forming a SIG in a particular area, then feel free to contact the CORS SIG Committee Chair: Taraneh Sowlati (taraneh.sowlati@ubc.ca).

CORS SIG NEWS

Forestry

With a full program, the OR in Forestry Cluster at the upcoming CORS Conference will definitively be an exciting one! Moreover, thanks to the support from the NSERC Strategic Research Network on Value Chain Optimization (www.vconetwork.ca), three special events will also be held within the forestry program:

- an international tutorial by Mikael Frisk (Sweden) on the challenges and experiences in implementing OR for solving industrial problems in forest value chain. The tutorial will be followed by a discussion session with additional speakers who will briefly share additional thoughts.

- a presentation by the three 2014 finalists of the David Martell Student Paper Prize in Forestry: Rezvan Rafiei, Sanjay Dominik Jena and Gregory Paradis.

- an industrial problem presentation and discussion session where Ph.D. students will introduce their ongoing work on a problem to receive valuable feedback through an open discussion with the attendees.

Finally, current members and all conference attendees active/interested in the field of OR in the forest sector are welcome to the annual meeting of the CORS Forestry SIG.

If you would like to join the Forestry SIG, please contact the president, Jean-François Audy (jean-francois.audy@cirrelt.ca).

Queueing

The Queueing Special Interest Group has a number of exciting sessions lined up for the Ottawa meeting.

Please join us at our Business Meeting for pertinent business and the awarding of the Second Annual Student Paper Prize.

MEETINGS AND CONFERENCES

CORS Business Meetings

April 25, 2014	CORS Financial Planning Committee Meeting
May 25, 2014	CORS Council Meeting, Ottawa, ON
May 26, 2014	CORS Council Meeting, Ottawa, ON
May 27, 2014	CORS Annual General Meeting, Ottawa, ON

CORS Annual Conferences

May 26–28, 2014	CORS Annual Conference Ottawa Marriott Hotel, Ottawa, ON
June 14–17, 2015	CORS Annual Conference – joint with INFORMS Le Centre Sheraton Hotel, Montreal, QC
2016	To be announced
July 2017	CORS Annual Conference, Quebec City, QC – joint with IFORS

Other Conferences

2014 May 9-12	POMS 2014 Annual Conference, Atlanta, GA
2014 July 13–18	IFORS (International Federation of Operational Research Societies) “The Art of Modeling”, 20th Conference, Barcelona, Spain http://www.ifors2014.org/
2014 Nov. 9–12	INFORMS 2014, San Francisco, CA

WWW Conference Listings

CORS-SCRO Conference Page: http://www.cors.ca/en/conferences/i_other.php
INFORMS Conference Home Page: <http://www.informs.org/Conf/Conf.html>
IFORS Conferences: <http://www.ifors.org/panorama/conferences/index.shtml>
Netlib Conferences Database: <http://www.netlib.org/confdb/Conferences.html>
SIAM Conference Home Page: <http://www.siam.org/meetings/calendar.php>
POMS Conference Page: <http://www.poms.org/conferences/>

CORS FUNDING OPPORTUNITIES

Graduate Student Conference Support (GSCS) Program

CORS has established the GSCS program to encourage attendance of graduate students at conferences, symposia, or workshops specifically aimed at graduate students, such as student conferences, doctoral colloquia, and conferences for junior operations researchers. CORS may provide partial funding up to \$500 per student for attendance at such events. Note that the GSCS program will *not* fund attendance at CORS meetings, because CORS has a separate program for this purpose. All GSCS funding is subject to availability of funds and the following eligibility criteria:

- Student is a member of CORS.
- Student's supervisor is a member of CORS.
- Student is enrolled in a graduate program in a field related to operational research.
- Student is studying at a Canadian university, or is a Canadian citizen or permanent resident studying abroad.

The application process is competitive. The following criteria will be used to select applications that will be funded:

- The quality of the paper to be presented at the conference, if applicable.
- The benefits that the student is likely to derive from attending the conference.
- The stage that the student has reached in his/her degree program.
- Prior GSCS funding received by the applicant (new applicants will be given preference, all else being equal).

An online application form for GSCS funding is available at
http://www.cors.ca/en/students/i_graduate.php

Since funding is limited, applicants are encouraged to submit their applications in a timely manner. Applications must be received at least two months before the conference date to receive full consideration. Applicants who meet this deadline will be notified of the outcome of their application at least one month before the conference date. For further information, contact:

Mehmet Begen, CORS GSCS Coordinator
E-mail: mbegen@ivey.uwo.ca

INFORMS Teaching Effectiveness Colloquium (For Faculty)

In conjunction with the Annual INFORMS Meetings, INFORMS hosts a Teaching Effectiveness Colloquium. CORS has funding available to partially support a limited number of faculty members interested in attending. Faculty members that are awarded funding are expected to:

- give a presentation in an OR/MS Education session at CORS National Meeting, and
- write a short article regarding OR/MS education for the CORS Bulletin.

Funding is restricted to faculty members and is not available to graduate students. For more information and instructions on how to apply please contact:

Mehmet Begen, CORS Education Chair
E-mail: mbegen@ivey.uwo.ca

CORS Traveling Speakers Program

The Traveling Speakers Program (TSP) enables local sections to bring Canadian OR practitioners / researchers as speakers to their local events. In order to keep costs in line while maximizing the CORS National profile, CORS sponsorship will be limited to 50% of the total expenses, up to a maximum of \$500 per speaker or \$1000 for a single event (conference, workshop). Other expenses can be covered by the local section. The program of the event must acknowledge the contribution of CORS. Each local section must contact the TSP coordinator to obtain approval for funding preferably at least one month in advance of the event date. Payment will be made by the CORS Treasurer upon receipt of the expense report.

Elkafi Hassini, CORS TSP Coordinator
E-mail: hassini@mcmaster.ca

THE NEXT ISSUE

The next issue of the Bulletin is the post-conference issue and is scheduled to appear in August. Along with the regular features and news from the local sections, it will include information about the 2014 winners of CORS Awards and announce the 2014-2015 CORS Council. Contributions to this issue, especially news on the activities of local sections or CORS Members, should be submitted **by July 7, 2014** to:

Andrea Friars
Editor, CORS-SCRO Bulletin
11 Sawgrass Drive
Oakfield, NS B2T 0G1
Phone: 902-895-8430 ext 3236
E-mail: andreafruars@gmail.com

The preferred method of submission is by an MS-Word attachment to an e-mail.

CORS BULLETIN TRANSLATION POLICY

Items that are CORS business will be translated into English and French. All other items will be published in the language they are submitted in.

CORS BULLETIN ADVERTISING POLICY

Ads cost \$120 per page, proportional for fractional pages. Logos and prepared layouts can be accommodated. This fee also includes distribution of the advertisement on the CORS ListServ. Direct inquiries to the Editor.

CORS LISTSERV

As a benefit of membership, members may use the CORS ListServ to transmit messages, announcements, and job postings to the entire membership or to a targeted subgroup such as a local section. For example, you can send

- messages regarding the activities and business of the Society;
- announcements about conferences, conference sessions, special journal issues, seminars or other activities provided that these are related to operational research in its broadest sense;
- job postings of general interest to CORS members.

The ListServ is not used for commercial purposes, and all messages are vetted before they are sent out. To submit items to the ListServ, e-mail Erla Anderson, CORS Membership Services at erla@shaw.ca.

For non-members, a fee of \$60 is charged for the distribution of Job Postings and other announcements or messages of interest to the CORS membership.



Canadian Operational Research Society
Société canadienne de recherche opérationnelle

The **Canadian Operational Research Society** was founded in 1958. Its goal is to advance the theory and practice of OR and to stimulate and promote contacts between people interested in the subject.

Publications: A quarterly scientific journal called *INFOR* and a news *Bulletin*.

Meetings: An annual National Conference with award ceremony, occasionally organized jointly with an international society (IFORS, INFORMS), as well as numerous local events organized by the local sections.

Local Sections: CORS has twelve local sections located throughout Canada and three student sections.

Awards and Prizes: CORS presents the following annual Awards and Prizes at its National Conference:

Award of Merit for significant contributions of a present or past member of CORS to the profession of OR.

Harold Larnder Memorial Award to an individual who has achieved international distinction in OR.

Omond Solandt Award to an organization, private or governmental, that is deemed to have made an outstanding contribution to OR in Canada.

Practice Prize for the challenging application of the OR approach to the solution of applied problems.

Service Award for outstanding contributions of time and service to the Society.

Student Paper Competition to recognize the contribution of a paper either directly to the field of OR through the development of methodology or to another field through the application of OR.

Graduate Student Funding: CORS encourages attendance of graduate students at conferences, symposia, or workshops by providing partial funding. Visit CORS website for details.

CORS Diploma: This diploma is awarded to students graduating from a university curriculum comprising several OR courses. Criteria and an example certificate may be found on the CORS website.

Membership Directory: An online Directory of CORS Members is available as a membership benefit.

To join CORS: Go to the CORS website (www.cors.ca) and join online by credit card using the form found under membership services or complete the PDF application form found on the CORS website and mail it with payment to the address below.

Fees: Member \$110; Retired Member \$55; Student Member (including post-doctoral fellows) \$45

Website: <http://www.cors.ca>

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