



Canadian Operational Research Society
Société canadienne de recherche opérationnelle

$\min cx$

$Ax = b$

$x \geq 0$

$L = \lambda W$

The CORS Bulletin

VOLUME 52, NUMBER 2 – MAY 2018
ISSN 0315-1417

TABLE OF CONTENTS

PAGE

In This Issue	2
The 2017–2018 Council	3
President's Message	4
Announcements	5
Council Corner	5
CORS Funding Opportunities	5
Traveling Speakers Program	5
2018 CORS Conference in Halifax, NS	6
Harold Larnder Award Winner: John Birge	8
Nominees for 2018–2019 CORS Council	9
Special Interest Groups (SIGs)	12
SIG News	13
Queueing SIG Student Paper Prize Winner: Jalal Khamse-Ashari	13
Meetings and Conferences	15
The Next Issue	16
CORS Bulletin Translation Policy	16
CORS Bulletin Advertising Policy	16
CORS ListServ	16

IN THIS ISSUE

Dear CORS Members,

Firstly, there are details about all the members running for council. Please read their bios and familiarize yourself with their incredible contributions and backgrounds and decide how you will vote this year.

Next, the annual CORS conference is nearly upon us! Be sure to renew your CORS membership for the year and then take advantage of the member discount on the conference rate. Book your hotel, pack your lobster bibs, and join us in Halifax.

This year's Larnder award winner is John R. Birge, and we round out this issue with his biography and the abstract for his lecture at the conference.

If you have content you would like to see in the next bulletin, submit it to me at AndreaFriars@gmail.com

Cheers,

Andrea Friars

Editor

Editor

Andrea Friars

Publisher

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

Distributor

Erla Anderson

Elected Officers

President
Vice-President
Past-President
Secretary
Treasurer
Councillors

Dionne Aleman
Mehmet Begen
Fredrik Ødegaard
Peter VanBerkel
Sonia Vanderby
Stan Dimitrov (16–18)
Anjali Awasthi (16–18)
Bora Kolfal (17–19)
Jules Comeau (17–19)

Standing Committees

Awards

Mehmet Begen, Jules Comeau, Stan Dimitrov
Anjali Awasthi
Bora Kolfal
Mehmet Begen, Bernard Gendron, Corinne MacDonald
Dionne Aleman
Samir Elhedhli, Elkafi Hassini, Andrea Friars
Dionne Aleman, Fredrik Ødegaard, Peter Bell, David Martell, Richard Caron
Mehmet Begen
Bora Kolfal, Anjali Awasthi, Sonia Vanderby

Education
Membership
Program

Public Relations
Publications

Past Presidents
Advisory Board

SIG
Section Relations

Ad hoc Committees

Practice Prize
Student Paper Competition

Award of Merit

Financial Planning

Analytics

Industry

Nominating

travelling Speakers Program
INFOR Co-Editors

Bulletin Editor
IFORS Representative
Membership Services
Web Administrator

WWW
LinkedIn

Mikael Rönqvist
Nadia Lahrchi,
Stan Dimitrov
Fredrik Ødegaard,
John Chinneck,
Jean-François Cordeau
Sonia Vanderby, Fredrik Ødegaard, Dionne Aleman, Mehmet Begen
Jules Comeau, Peter Bell,
Marie-Claude Côté
Dionne Aleman,
Fredrik Ødegaard,
Hatem Ben Amor
Fredrik Ødegaard,
Dionne Aleman,
Mehmet Begen, Peter Bell
Fredrik Ødegaard
Samir Elhedhli,
Elkafi Hassini
Andrea Friars
Peter VanBerkel
Erla Anderson
Erla Anderson

www.cors.ca
www.linkedin.com/company/canadian-operational-research-society

THE 2017–2018 COUNCIL

CORS Council consists of the officers of the society, four councillors, the immediate past president, a representative designated by each local section and chapter of the society, and the standing committee chairs. Contact information for council representatives is below. See www.cors.ca for a complete listing.

President	Dionne Aleman, University of Toronto, aleman@mie.utoronto.ca
Vice-President	Mehmet Begen, Western University, mbegen@ivey.uwo.ca
Secretary	Peter VanBerkel, Dalhousie University, peter.vanberkel@dal.ca
Treasurer	Sonia Vanderby, University of Saskatchewan, sonia.vanderby@usask.ca
Past-President	Fredrik Ødegaard, Western University, fodegaard@ivey.uwo.ca
Councillor	Stan Dimitrov, University of Waterloo, sdimitro@uwaterloo.ca
Councillor	Anjali Awasthi, Concordia University, anjali.awasthi@concordia.ca
Councillor	Bora Kolfal, University of Alberta, bkolfal@ualberta.ca
Councillor	Jules Comeau, Université de Moncton, jules.comeau@umoncton.ca
Atlantic	Claver Diallo, Dalhousie University, claver.diallo@dal.ca
Québec	Irène Abi-Zeid, Université Laval, irene.abi-zeid@osd.ulaval.ca
Montréal	Miguel Anjos, École Polytechnique de Montréal, miguel-f.anjos@polymtl.ca
Ottawa	Dragos Calitoiu, Bank of America, Ottawa, calitoiu@optimod.ca
Kingston	Bill Simms, Royal Military College of Canada, simms-b@rmc.ca
Toronto	Adam Diamant, York University, ADiamant@schulich.yorku.ca
Southwest Ontario	Joe Naoum-Sawaya, Western University, jnaoum-sawaya@ivey.ca
Winnipeg	Currently vacant
Saskatoon	Winfried Grassmann, University of Saskatchewan, grassman@cs.usask.ca
Calgary	Owen James, jameso@ae.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	Kyle Booth, University of Toronto, kyle.booth@mail.utoronto.ca Christopher Sun, University of Toronto, christopher.sun@mail.utoronto.ca
Waterloo Student	Danielle Ripsman, University of Waterloo, daripsman@uwaterloo.ca
Québec Student	Samira Abbasgholizadeh Rahimi, Université Laval, samiraheme@yahoo.com
Montréal Student	Carlos Armando Zetina, Concordia University, c_zetina@encs.concordia.ca

PRESIDENT'S MESSAGE

Hello CORS family,

It is with great relief that we are finally able to welcome Spring in Canada after this never-ending winter. As leaves turn green, and as the Toronto Maple Leafs skate through the playoffs (at least as of this writing), here is how things are changing in CORS.

Our logo is changing! Maybe. The period vote to select a new (or keep the old) CORS **logo** is almost closed, and will be closed by the time you read this note. Our two leaf-inspired member-submitted logos (from **Martim Joyce-Moniz** and **Antoine Prouvost**) are on the ballot, along with the old logo and a revamped version of the old logo. I hope everyone checked them all out and voted. The winner will be announced at the AGM in Halifax.



Other than that, there is not much new to report. The 2018 Halifax Conference (June 4-6) is on the immediate horizon. Don't miss it! This conference, chaired by **Corinne MacDonald**, will celebrate CORS' 60th anniversary at the brand new Halifax Convention Centre and will coincide with the 200th anniversary of Dalhousie University. There will be special events, including a reception, partially sponsored by CORS Council, to help pamper us all with luxurious seafood and drinks. **Register for the conference now**, so you don't miss out on all the celebration! <https://eventspe.com/cors2018/Halifax>

See you all in a month in Halifax!



Dionne Aleman
@CORS_President

ANNOUNCEMENTS

It's time to renew your CORS membership

Don't forget to renew your CORS membership for **April 1, 2018 to March 31, 2019**. You may be able to use an NSERC grant to pay CORS membership dues.

Renew your membership at this link:

http://www.cors.ca/sites/cors_php/en/membership/renewal.php

If you have any questions, contact Membership Services at membershipservices@cors.ca



Follow CORS on LinkedIn

www.linkedin.com/company/canadian-operational-research-society

COUNCIL CORNER

- The CORS 2022 conference will be held jointly with INFORMS International.
- Council sponsored the CORS 2018 Welcome Reception in Honor of the 60th Annual CORS Conference.
- Council launched an online CORS logo survey.

CORS FUNDING OPPORTUNITIES

Traveling Speakers Program (TSP)

The 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 form (<http://www.cors.ca/?q=content/traveling-speakers-program>).

Fredrik Ødegaard, TSP Coordinator (fodegaard@ivey.uwo.ca)



60th Annual CORS Conference

June 4-6, 2018
Halifax, Nova Scotia
www.CORS2018.ca

Join us in beautiful Halifax, Nova Scotia. Register now!

Meet our 2018 plenary speakers



Harold Larnder Memorial Award Lecturer, John R. Birge, PhD
Jerry W. and Carol Lee Levin Distinguished Service Professor of Operations Management at the University of Chicago Booth School of Business

“Can Big OR be bigger than Big Data?”

As analytics develops and focuses more on decision making, OR has an opportunity to fulfill its potential as a core tool and be recognized as the next hot trend.



David Martell, PhD
Professor Emeritus in the Faculty of Forestry at the University of Toronto

“Operational research applications in forest fire management: lessons learned, important open problems and emerging challenges”

A discussion around operational research methods to study fire management processes and develop fire management decision support systems, some successes and failures.

SOCIAL EVENTS

CORS Welcome Reception: A Maritime Kitchen Party!
Join us as we celebrate the 60th anniversary of the CORS conference and welcome you to Halifax with a good old-fashioned Nova Scotia Kitchen Party. Located at Murphy’s Restaurant, complete with live entertainment, a fantastic harbor view, and fine food and fresh seafood!

CORS Annual Awards Banquet

With special celebrations planned to reflect on 60 years of successful conferences, the banquet is a time to honor contributors to the advancement of OR methodology, promotion, competence, education, and the society itself, in Canada and abroad.

ONLINE REGISTRATION DEADLINE May 30, 2018

Act fast to ensure that you are pre-registered before the deadline!
<https://eventspe.com/cors2018/registration>

HOTEL ACCOMMODATIONS

Hampton Inn and Homewood Suites by Hilton

Space is limited, but there are still rooms available for select nights at both hotels. The deadline for locking in the CORS rate is **May 1**, so book now to reserve your room. Guests who stay at the Homewood Suites can take advantage of a complimentary evening social, every night between the conference sessions and nighttime receptions.

REGISTRATION FEES

Registration Type	Fee (until May 30)	On site Fee	Registration Type	Fee (until May 30)	On site Fee
CORS Member	\$609.50	\$667.00	Student Non-Member	\$339.25	\$396.75
CORS Student Member	\$287.50	\$345.00	CHOW Workshop (for conference registrants)	\$80.50	
CORS Retired Member	\$339.25	\$396.75	CHOW Workshop (1 Day only)	\$103.50	
Non-Member	\$736.00	\$793.50			



**CORS CONFERENCE
JUNE 4–6, 2018, HALIFAX, NS**



60th Annual CORS Conference

June 4-6, 2018
Halifax, Nova Scotia
www.CORS2018.ca

Schedule:

Monday, June 4, 2018	Tuesday, June 5, 2018	Wednesday, June 6, 2018
7:30AM – 8:15AM CORS Past Presidents' Breakfast		
8:30AM – 10:00AM Technical Sessions	8:30AM – 12:00PM Technical Sessions	8:30AM – 12:00PM Technical Sessions
10:30AM – 12:00PM Harold Larnder Memorial Lecture		8:30AM – 12:00PM CHOW Workshop
12:00PM – 1:45PM Lunch, explore Argyle Street	12:00PM – 1:45PM CORS AGM Luncheon	12:00PM – 1:00PM Lunch
1:45PM – 5:00PM Technical Sessions	1:45PM – 3:15PM Technical Sessions	1:00PM – 4:15PM CHOW Workshop
	3:30PM – 4:30PM Plenary Lecture	
5:00PM – 6:00PM Special Interest Groups: Healthcare / Forestry	4:30PM – 5:30PM Special Interest Group: Queueing	
7:30PM – 10:30PM Welcome Reception	6:30PM – 10:00PM CORS Awards Banquet	

Scientific Program: 16 clusters, 74 sessions, and 250+ presentations

Cluster	Chairs
Education and OR	Srini Khrisnamoorthy, Ph.D.
Energy, Natural Resources and the Environment	Selvaprabu (Selva) Nadarajah, Ph.D. & Ahmed Saif, Ph.D.
Forestry and OR	Tassedra Boukherroub, Ph.D. & Mikael Rönnqvist, Ph.D.
Healthcare Operations	John Blake, Ph.D. & Majid Taghavi, Ph.D.
Information and Data Analytics	Bahareh Mansouri, Ph.D. & Kyung Young Lee, Ph.D.
Location Models and Analysis	Sibel Alumur Alev, Ph. D.
Military, Defense and Security Applications	Mark A. Gammon, Ph.D. & René Séguin, Ph.D.
Optimization	Bissan Ghaddar, Ph.D. & Joe Naoum-Sawaya, Ph.D.
OR and Finance	Horand I. Gassmann, Ph.D. & Leonard C. MacLean, Ph.D.
Production, Remanufacturing and Maintenance	Claver Diallo, Ph.D & Uday Venkatadri, Ph.D
Queueing Theory	Opher Baron, Ph.D. & David A. Stanford, Ph.D.
Revenue Management	Jenny Chen, Ph.D. & Michael Zhang, Ph.D.
Simulation	Eman Almehdawe, Ph.D. & Alireza Ghasemi, Ph.D.
Sports Analytics	Timothy C. Y. Chan, Ph.D. & Martin L. Puterman, Ph.D.
Supply Chain Analytics	James H. Bookbinder, Ph.D. & M. Ali Ülkü, Ph.D.
Transportation and Logistics	Nader Azad, Ph.D. & Ginger Ke, Ph.D.

2018 HAROLD LARNDER AWARD WINNER

John Birge

Can Big OR be bigger than Big Data?

Many of the hot trends in analytics of the recent past such as Big Data, Machine Learning, and Artificial Intelligence rely on core OR tools, but many users of these tools have little knowledge of OR as a discipline. As analytics develops and focuses more on decision making, OR has an opportunity to overcome this understanding gap and be recognized as the next hot trend. This talk will describe how different disciplines in analytics address similar issues and how OR's focus on optimal decision making provides a strong case for fulfilling its potential. The discussion will focus on the challenges to this vision and on ways in which OR professionals from academia and practice can help overcome such threats and lift our recognition and impact on the future.



John R. Birge is the Jerry W. and Carol Lee Levin Distinguished Service Professor of Operations Management at the University of Chicago Booth School of Business. Previously, he was Dean of the McCormick School of Engineering and Applied Science and Professor of Industrial Engineering and Management Sciences at Northwestern University. He also served as Professor and Chair of Industrial and Operations Engineering at the University of Michigan, where he also established the Financial Engineering Program. He is currently Editor-in-Chief of Operations Research, former Editor-in-Chief of Mathematical Programming, Series B, and former President of INFORMS. His honors and awards include the IIE Medallion Award, the INFORMS Fellows Award, the MSOM Society Distinguished Fellow Award, the Harold W. Kuhn Prize, the George E. Kimball Medal, the William Pierskalla Award, and election to the US National Academy of Engineering. He received M.S. and Ph.D. degrees from Stanford University in Operations Research, and an A.B. in Mathematics from Princeton University.

NOMINEES FOR 2018–2019 CORS COUNCIL

President: Mehmet Begen, Associate Professor, Western University

Mehmet A. Begen is an associate professor of management science at Ivey Business School at Western University. He is an industrial engineer and analytics specialist with research interests in operations research (OR) applications, healthcare operations management, scheduling, simulation and data-driven approaches. Mehmet taught at Sauder School of Business at UBC and worked in management consulting as a project manager before his Ph.D. studies. He has served CORS as education chair (2013–2017) and was the program chair for CORS 2003 in Vancouver. Mehmet is a certified analytics professional (CAP). Besides Ivey, he has cross appointments with Statistical & Actuarial Sciences and Epidemiology & Biostatistics at Western University. Please visit his web page at <http://www.ivey.uwo.ca/faculty/mbegen> for more details.



Vice-President by acclamation: Stanko Dimitrov Associate Professor, University of Waterloo

Stanko Dimitrov is an Associate Professor in the Department of Management Sciences at the University of Waterloo. His research lies in applying and developing optimization methods for problems in decision analysis, operations management, and production analysis. He holds a BSE in Computer Science, and an MSE and PhD in Industrial and Operations Engineering, all from the University of Michigan-Ann Arbor. His research has been funded by NSERC, Mitacs, and NSF. He has been involved in various CORS student competitions since 2014. Most recently, he organized the open category competition in 2016, and the undergraduate competition in 2017 and 2018. He is currently finishing his second year as a CORS member of council. You can learn about Stanko Dimitrov by visiting his professional webpage: <http://sd-research.uwaterloo.ca>



Councillors 2018–2020

Anjali Awasthi, Associate Professor, Concordia University

Dr. Anjali Awasthi is Associate Professor at Concordia Institute for Information Systems Engineering (CIISE), in Concordia University, Montreal. Her areas of research are sustainable mobility, sustainable supply chain management, quality assurance in supply chains, sustainable city logistics planning, and applied operations research. She has been serving Canadian Operations Research Society (CORS) in the role of Undergraduate competition chair since 2009. From 2007-2008, she worked as Program Coordinator for CORS Vancouver chapter hosted at University of British Columbia. She served on the CORS student paper judging committee during 2008-2009 and chaired the CORS undergraduate competition from 2009-2015. She served on the CORS council from 2016-2018. She is currently serving CORS as its Education Chair and CORS Diploma National Coordinator.



Marco Bijvank, Assistant Professor, University of Calgary

Dr. Marco Bijvank is an Assistant Professor of Operations and Supply Chain Management at the Haskayne School of Business, University of Calgary. He holds a M.Sc. in Business Mathematics and Informatics (graduated Cum Laude) and a Ph.D. from the VU University Amsterdam. He has been a visiting scholar at Aarhus University, Denmark, post-doctoral researcher at the University of Montreal, and Assistant Professor at the Rotterdam School of Management, Netherlands. The two main research interests of Marco Bijvank are supply chain management (in particular inventory management and retail operations) and healthcare operations (in particular emergency department operations). However, he also has an interest in pricing and revenue management. His research is supported by various grants from the University of Calgary and NSERC. He is serving the CORS Calgary Chapter as Secretary since 2016 and as Vice-President since 2017. He was program co-chair for CORS 2016 in Banff.



Councillors 2018–2020

Gregory Paradis

Post-doctoral Research Fellow, University of British Columbia

Greg Paradis is a postdoctoral research fellow in the Department of Forest Resources Management at the University of British Columbia. He received his PhD in forest science from Université Laval. He has been actively promoting application of OR to forest sector decision for the past 15 years. Greg founded the Forestry Special Interest Group (FSIG) within CORS in 2012, serving as president and past-president of the FSIG from 2012 to 2015. He recently served as guest editor for a forestry-themed special issue of INFOR (published in 2016), which will be published as a hard-cover book by Taylor & Francis in 2018. Greg has attended over 10 CORS annual conferences since 2001, and continues to play a leadership role in the FSIG community and organisation of the forestry cluster at annual CORS meetings. Greg has several years' administrative leadership experience, both as co-owner of two businesses and as a volunteer board member for professional, academic, and commercial associations. He is enthusiastic about the opportunity to serve CORS as a councillor.



CORS SPECIAL INTEREST GROUPS

CORS Council 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 Forestry SIG**
contact Tasseda Boukherroub (tasseda.boukherroub@cirrelt.ca)
École de technologie supérieure
www.cors.ca/SIG/Forestry
- **CORS Health Care Operational Research SIG**
contact Sonia Vanderby (sonia.vanderby@usask.ca)
University of Saskatchewan
www.cors.ca/SIG/HCOR
- **CORS Queueing Theory SIG**
contact Qi-Ming He (q7he@uwaterloo.ca)
University of Waterloo
www.cors.ca/SIG/Queueing

If you would like to join a SIG, contact the people listed above, or 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 www.cors.ca/?q=content/communities

If you are interested in forming a SIG in a particular area, contact:

Mehmet Begen, SIG Committee Chair (mbegen@ivey.uwo.ca)

SIG NEWS

Queueing Theory

CORS Queueing SIG Annual Student Paper Prize Winner: Jalal Khamse-Ashari

The winner of the Sixth CORS Queueing SIG Annual Student Paper Prize (that will be announced at the 60th Annual CORS Conference in Halifax, June 4–6, 2018) is Jalal Khamse-Ashari from Carleton University, co-supervised by Ioannis Lambadaris and Yiqiang Q. Zhao, with the winning paper titled “Constrained max-min fair scheduling of variable-length packet-flows to multiple servers,” published in *Annals of Telecommunications Journal* in August 2017.

This paper contains original work of high quality, in which novel results on multi-server fair queuing in a heterogeneous environment have been developed. The paper targeted a challenging area of research with great applicability in computer and communications networks, such as cloud computing. The paper identifies important shortcomings in a well-known algorithm recently proposed by researchers from Stanford University. To address this problem, a new multi-server fair queuing algorithm which extends the so-called Deficit Round Robin (DRR) algorithm is proposed to achieve max-min fairness in such a constrained multi-server queuing system. The paper presents a solid mathematical approach and provides a sound description of its collocation with respect to existing work.

The selection committee members are Dr. Yiqiang Zhao (chair), Dr. Douglas Down, and Dr. Myron Hlynka.

Health Care Operations Research

Call for Nominations — 2018–2020 Officers

It's been two years already since our current slate of officers have taken the helm of the HCOR SIG, which means it is time to nominate, or self-nominate, candidates for the following officer positions:

- vice-chair/chair-elect
- secretary/treasurer
- communications officer
- track organizer

If you, or someone you know, are interested in one of these offices, please send your nomination to daphnesniekers@gmail.com by May 4, 2018.

Elections will be held electronically from May 5–26, 2018 for all HCOR members. Results of the elections will be announced at the HCOR SIG annual meeting at CORS2018.

Annual SIG Meeting

Will be held during CORS2018; we hope to see you there!

CHOW at CORS2018

The Health Care Operational Research Special Interest Group (HCOR SIG) of the Canadian Operational Research Society (CORS) and Dalhousie University are pleased to offer the 2nd annual **Canadian Healthcare Optimization Workshop** in Halifax, Nova Scotia, on Wednesday, June 6, 2018. The one-day workshop will follow immediately after the annual CORS conference. Come and join to learn more on improving the healthcare delivery system with the latest knowledge and connect with other researchers in the field. Register today at www.eventspe.com/cors2018/registration

Tentative schedule:

8:20 a.m. - 8:30 a.m.	Welcome!
8:30 a.m. - 9:15 a.m.	Simulating Surge Protocols in a Hospital-Wide Generic Model to Manage Congested Hospitals, Carolyn Busby, University of Toronto
9:15 a.m. - 10:00 a.m.	Physician Staffing and Shift Scheduling at Emergency Departments with Time Varying Productivity, Negar Ganjoughaghi, University of Calgary
10:00 a.m. - 10:30 a.m.	Health Break
10:30 a.m. - 11:15 a.m.	Do Wait Times Change Referral Decisions? Evidence from Cataract Referral Patterns in Ontario, Michael Pavlin, Wilfrid Laurier University
11:15 a.m. - 12:00 p.m.	Dynamic Scheduling of Home Health Care Patients to Medical Providers, Adam Diamant, York University
12:00 p.m. - 1:30 p.m.	Lunch
1:30 p.m. - 2:15 p.m.	Product Listing Arrangements: A Welfare Analysis of the Impact of Marketing on Pharmaceutical Drug Economics, Gregory Critchley, Western University
2:15 p.m. - 3:00 p.m.	An MDP Model for Dynamic ICU Admission and Discharge Control, Nicholas Yeung, University of Toronto
3:00 p.m. - 3:30 p.m.	Health Break
3:30 p.m. - 4:15 p.m.	Plenary Speaker: Martin Puterman, "Reflections on Health Care Operations Research"
4:15 p.m. - 5:00 p.m.	Panel Discussion: How to perform applied work within the healthcare industry that can also be published in top-tier journals
6:00 p.m. - 7:30 p.m.	Reception

MEETINGS AND CONFERENCES

CORS Business Meetings

July 20, 2017	CORS Council Meeting, Quebec City, QC
August 25, 2017	CORS Council Meeting, Teleconference
November 24, 2017	CORS Council Meeting, Teleconference
January 26, 2018	CORS Council Meeting, Toronto, ON
March 30, 2018	CORS Council Meeting, Teleconference
April 27, 2018	CORS Financial Planning Committee Meeting
May 11, 2018	CORS Council Meeting, Teleconference
June 3, 2018	CORS Council Meeting, Halifax, NS
June 4, 2018	CORS Council Meeting, Halifax, NS
June 5, 2018	CORS Annual General Meeting, Halifax, NS

CORS Annual Conferences

June 4–6, 2018	CORS Annual Conference, Halifax, NS https://eventspe.com/cors2018/index
2019	CORS Annual Conference, Saskatoon, SK

WWW Conference Listings

CORS Conference Page: www.cors.ca/?q=content/cors-annual-conferences
INFORMS Conference Home Page: www.informs.org/attend-a-conference
IFORS Conferences: www.ifors.org/web
Netlib Conferences Database: <ftp://ftp.cc.ac.cn/netlib/confdb/Conferences.html>
SIAM Conference Home Page: www.siam.org/meetings/calendar.php
POMS Conference Page: www.poms.org/conferences
EURO Conferences : www.euro-online.org/web/pages/460/calendar

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 2018 winners of CORS Awards and announce the 2018–2019 CORS Council. Contributions to this issue, especially news on the activities of local sections or CORS members, should be submitted by **July 20, 2018** to:

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

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

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, email CORS Membership Services at membershipservices@cors.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 an award ceremony, occasionally organized jointly with an international society (IFORS, INFORMS), and numerous local events organized by local sections.

Local Sections & Chapters: CORS has twelve local sections located throughout Canada and four student chapters.

Awards and Prizes: CORS presents the following annual awards and prizes at its annual conference:

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

Harold Larnder 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 its annual conference 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 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 and join online by credit card using the form found under membership 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 \$45 (including post-doctoral fellows)

Website: www.cors.ca

LinkedIn: www.linkedin.com/company/canadian-operational-research-society

CORS/SCRO BOX/C.P. 2225, STATION D, OTTAWA, ON, K1P 5W4

Atlantic Québec Québec Student Montréal Montréal Student Kingston Ottawa Toronto Toronto Student
Waterloo Student Southwest Ontario Winnipeg Saskatoon Calgary Edmonton Vancouver

www.cors.ca