



## MINUTES

### ANNUAL GENERAL MEETING OF MEMBERS 2013

21 June 2013, 12:30 – 2:00 p.m. EDT  
St-Laurent Room, Delta Centre-Ville Hotel  
777 University Street, Montreal, Quebec

#### MEMBERS IN ATTENDANCE

Michael A. Ball  
Doug Barber  
André Bazergui  
Paul Blanchard \*  
Bruce Burlton \*  
Claudio Canizares \*  
Jan Carr  
Ron Crotogino  
Murray Douglas  
Waguih ElMaraghy  
Peter R. Frise  
Édouard Gervais

Ralph Haas  
Andrew Hrymak  
Geza Joos  
Ian Jordaan  
Catherine Karakatsanis  
Mark Kortschot \*  
Leah Lawrence \*  
Robert Legros  
Alberto Leon-Garcia \*  
Victor Leung  
Pierre Lortie  
David Lowther

Jacques Lyrette  
Richard Marceau  
Saeed Mirza  
Panos Nasiopoulos \*  
Maher Nessim \*  
Michel Perrier  
Amir Shalaby \*  
Slobodan P. Simonovic \*  
Reda Tadros  
Charles Terreault  
Chris Twigge-Molecey \*  
Kimberly Woodhouse

(\* = New Member)

#### 1. OPENING REMARKS

Executive Director Kevin Goheen opened the meeting at 12:45 p.m. He noted a change to the meeting material: under agenda item 9 (Election of Directors and Officers – 2013/2014), for the slate of Fellowship Committee members, the name Dorina Petriu is to be struck and replaced with the name Ken Putt. Dr. Goheen announced the development of a new CAE website and the new trend in CAE communications, including a pdf newsletter and social media presence (LinkedIn, Facebook and Twitter). He thanked the annual meeting organizing committee members: Pierre Lortie, Ron Crotogino, André Bazergui and Jacques Lyrette. He also noted that the symposium was being covered in the Montreal newspaper La Presse: see <http://affaires.lapresse.ca/economie/canada/201306/21/01-4663639-transformer-les-usines-en-centres-de-savoir.php>

President Richard Marceau then extended a warm welcome to all members, old and new to the 27<sup>th</sup> Annual General Meeting of the Canadian Academy of Engineering. The President introduced the head table participants – President-Elect, Pierre Lortie, Secretary-Treasurer Jacques Lyrette and Kevin Goheen, Executive Director. It was noted that Past President Kim Sturgess was unable to attend as she had departed Montreal early due to the flooding in her home province of Alberta.

President Marceau noted that since 1987 the Academy has grown from its 44 founding members – to some 424 active members and 160 emeritus members, and 3 honorary members, for a total on 587 at this time, including the 47 being inducted yesterday evening. We believe that our members clearly include many of the country’s most accomplished engineers, and we salute their dedication to the engineering profession.

## **2. RECOGNITION OF DECEASED FELLOWS**

President Marceau asked the assembly to pause for a moment to recognize Fellows who we are aware of who have passed away since our last AGM:

- Henri Audet, elected in 1991, deceased November 3, 2012.
- D. J. Laurie Kennedy, elected in 1995, deceased July 1, 2012.
- J. James Kinley, elected in 2000, deceased May 1, 2012.
- Ralph N. McManus, elected in 1989, deceased March 14, 2012.
- O. John C. Runnalls, elected in 1995, deceased October 14, 2012.
- Robert T. Tamblyn, elected in 1990, deceased October 4, 2012.
- H. Brian White, elected in 1997, deceased December 8, 2012.

## **3. QUORUM DETERMINATION**

The President noted that our By-Laws require a minimum of 20 members or 20% of the active membership (whichever is less) to constitute a quorum. He observed that there were clearly more than 20 active Fellows present, and hence declared a quorum. He reminded attendees that while Emeritus Members are welcome to participate fully in the discussion and to address the meeting, they are **NOT** eligible to cast a formal vote, or to propose or second motions. He requested participants to identify themselves, when making motions or addressing the meeting, to ensure that we have an accurate record of the meeting.

## **4. APPROVAL OF AGENDA**

The President invited any additions or modifications to the agenda distributed. There being none, it was moved by S. Mirza, seconded by P. Frise that the Agenda be approved. **CARRIED.**

## **5. APPROVAL OF MINUTES – AGM 2012**

It was noted that the minutes from the previous Annual General Meeting in Ottawa on June 21, 2012 had been available on the CAE website for an extended period of time, and were also included in the folders for this meeting. The President invited identification of any errors or omissions by those in attendance. It was noted that for item 9, the year should be 2013.

It was moved by K. Woodhouse, seconded by M. A. Ball that the minutes for the 2012 AGM be approved as amended. **CARRIED.**

## **6. REPORT OF PRESIDENT – 2012/2013**

President Marceau read his report set out below which had been distributed to the members present at the Annual General Meeting:

In June of 2012, upon my election as President of the Canadian Academy of Engineering, I indicated that my efforts over the coming year would be focused primarily on the creation of local Sections of the Academy. I pointed out that this effort continued our Past President Kim Sturgess' leadership in this area, and was based on a framework for creating local sections approved last year by the Board of the Academy. This initiative addresses the need to extend the Academy's footprint throughout Canada by nurturing and intensifying local activities. Over time, it is hoped that this will enhance public awareness of the Academy, raise its profile, facilitate recruitment of high-quality Academy candidates from industry and academia, and strengthen its ability to pursue its mission! I also personally believe that this will transform the Academy into a more dynamic and energetic organization!

As a result of many local efforts, I am happy to say that we have made significant headway on this project. On March 11 of this year, the first Academy section was officially launched in Montreal, and it is no exaggeration to say that the success of this year's Annual Meeting is a direct result of this important local initiative! Significant interest has arisen in other parts of Canada, and discussions have advanced under Dr. Mohamed Lachemi's leadership in Toronto; that of our Executive Director, Dr. Kevin Goheen, in Ottawa; that of our immediate Past President Kim Sturgess and former President Dr. Axel Meisen in Alberta; and that of Dr. John McLaughlin in Atlantic Canada. It is my fondest hope that, in the coming year, these initiatives will be as successful in other parts of Canada as they have been in Montreal.

The past year has also seen significant activity on many other fronts. The Council of Canadian Academies, an entity created some eight years ago by Canada's three national academies - the Royal Society of Canada, the Canadian Academy of Health Sciences, and our own Canadian Academy of Engineering – led by its chief executive officer Dr. Elizabeth Dowdeswell, has actively pursued its advocacy activities in favour of the renewal of its federal government funding. In the past year, these activities have included extensive talks with the three Academies for their renewed support. The key issue, still to be resolved, revolves around the issue of whether or not the Council should contribute financially to its three founding and constituent Academies. Presently, Council funding is directed exclusively to the task of managing the processes of answering questions submitted to the Council by federal ministries

for the purpose of providing input to the construction of policy. In this task, the role of the three Academies is to provide the intellectual capital underpinning this important work. In the past, the government has not recognized the need to support costs borne by the three national Academies within the Council's processes. The purpose of ongoing negotiations, led by our representatives on the Council Board, Axel Meisen and Kim Sturgess, with significant support and advice from former CAE president John Leggat, aims to obtain such recognition while working to renew the Council's funding.

Another important initiative involving your Academy this year has been the Trottier Energy Futures Project, a project undertaken over three years ago in partnership with the David Suzuki Foundation and the Trottier Family Foundation under the initiative of Academy Fellow Lorne Trottier. The purpose of this study is to determine how Canada could reduce its carbon emissions by 80% of 1990 levels, and do so by the year 2050. In the past year, the project team has prepared a number of reports, a few of which have successfully been made available publicly. Approximately a dozen Fellows have been involved in reviewing these reports to ensure their scientific and technical accuracy, and I am deeply grateful for their rigor and selfless volunteer commitment. Due to its complexity, the project duration has exceeded the terms of the original agreement with our partners, and the Academy is presently engaged in talks regarding the continuation of its participation.

Your Academy also continues to engage in public dialogue on relevant topics of national importance through conferences, presentations and appearances before government committees. Last May 20 and 21, a highly successful conference was held in Sarnia under Academy auspices entitled "Bitumen – Adding Value: Canada's National Opportunity". This conference was organized as a direct result of the Academy's successful publication of June 2012 entitled "Canada: Winning as a Sustainable Energy Superpower" which proposed nine big energy projects for strengthening Canada's economy, enhancing its production of value-added energy products while reducing its carbon footprint. Keynote speakers at the conference included Frank MacKenna, Deputy Chair TD Bank Group, and Jim Stanford, chief economist, Canadian Auto Workers who, despite significantly different professional backgrounds, fully agreed on the need for far more value-added industrial activity in Canada in addition to its resource-based industry. This year's Annual Meeting, under the visionary leadership of our president-elect, Pierre Lortie, addresses the extremely important and timely topic of Canada's future in manufacturing, again reinforcing this message, highlighting yet again the role of manufacturing and value-added transformation in a sustainable economy. Over the past year, as co-editor of the "superpower book" along with Fellow Clem Bowman, I was invited to present the Academy's views on energy at the Canadian District Energy Association's Annual Meeting last June, at the Toronto Forum for Global Cities last October, at the University of New Brunswick's Deneen/Andrews lecture series in February, before the Professional Engineers of Ontario in March, at the Council for Clean and Reliable Electricity's Annual Energy Leaders Roundtable in April, and at the 2013 Ontario Power Conference, also last April. In February, I was invited to speak on behalf of the Academy before the Standing Committee of the House of Commons on Industry, Science and Technology, this time on "the state of engineering in Canada".

Over the past year, our Academy has also significantly increased its international visibility. Dr. Bob Evans, as CAE representative on the Working Group on Energy of the International

Council of Academies of Engineering and Technological Sciences, more generally referred to by its acronym of “CAETS”, has been an important contributor to a soon-to-be-published report on Low Emission Electricity Generation. Former president Dr. Ravi Ravindran took the lead in a joint CAE/Indian National Academy of Engineering workshop on clean coal technology which took place in New Delhi in December 2012. Fellows Dr. Dan Meneley and Dr. Terry Rogers reported on the state the Canadian nuclear industry at the 2013 CAETS meeting in Budapest. It is worthy to note that four CAETS sister academies have sent speakers to our annual meeting this year: Australia, Denmark, Switzerland and the United States.

In addition to all of this, thanks to the commitment and initiative of its Executive Director, Dr. Kevin Goheen, the Academy has streamlined many aspects of its operations, and improved its internal and external communications. In particular, through his efforts, the Academy has significantly upgraded its web site, improved its internal communications with its Fellows through LinkedIn, and established an Academy presence on Twitter and Facebook. Under Dr. Peter Frise’s leadership, the Academy’s Fellowship Committee recommended 48 candidates for election to Fellowship this year. All in all, I think you will agree that the Academy has surged forward in the past year!

Turning now briefly to the next year, with your support, that of the Academy membership, along with that of the Executive and the Board, I am hoping to bring the duration of the mandate of our Academy’s presidents in line with our two sister academies, where presidents serve for two years rather than one. Such a change will ensure greater continuity of our partnerships – such as with our sister academies and the Canadian Council of Academies – and of long term projects and initiatives – such as the Trottier Energy Futures Project. I also believe that, over time, it will enable the Academy leadership to take on more ambitious projects. In partnership with the Executive Director and Fellows everywhere, I also intend to continue my efforts to stimulate the establishment of sections of the Academy where the appropriate critical mass of Fellows exists. The Board and I will also continue to participate, along with our two sister Academies, in the renewal of the Council of Canadian Academies, and to consider further participation in the Trottier Energy Futures Project. Finally, the Board has approved two Academy initiatives which will be making significant progress over the next year, the first, a task force led by Fellows Ian Jordaan and Ken Croasdale on the important topic of Engineering in Canada’s Northern Oceans, the second, a follow up initiative of the Academy Energy Pathways Task Force’s 2012 “superpower book”, led by Fellow Clem Bowman and myself. As a final note, subject to Board approval, I am hoping to bring the Academy’s 2014 Annual Meeting to St John’s Newfoundland in an effort to extend the footprint of the Academy’s Annual Meetings throughout Canada!

As you can see, the next year is shaping up to be yet another busy one, with many irons in the fire! However, the successes of the past year - and the foundation of our future successes - would not be possible without the unflagging support of our Fellows to the Academy’s Board, to me personally, and to our collective efforts. I am deeply grateful and honoured by our Fellows’ willingness to move the Academy forward in the directions that we have chosen to undertake over the past year. Rest assured that I will continue to do everything in my power to be worthy of your confidence and support.

## 7. FINANCIAL

The Secretary-Treasurer, J. Lyrette, and the Executive Director, K. Goheen, presented the financial reports to the membership.

- **Audit Report 2012**

J. Lyrette noted that the financial statements had been prepared by our auditors (Marcil Lavallée) for the year just past, and they are contained in the meeting folders. The net result for 2012 was a break even situation with a small profit of about \$300; this was due to careful control of operations expenses and greater than budgeted revenue from donations and Annual Meeting sponsorship. As well, this was achieved by not having to transfer capital from our investment account, which was a transaction which we anticipated having to do at the beginning of Fiscal 2011.

J. Lyrette pointed out that a comparison between the financial statements and the 2012 figures reported in the 2013 Draft Budget shows a few discrepancies. These are due to the following factors:

1. Some journal entries are recorded differently by the CAE and the auditors – we will work towards aligning these.
2. Special multi-year project finances are recorded separately by the CAE office.
3. A loss of \$10,418 in a security was recorded – this was the result of buying a fixed income security above par and redeeming it at par. The interest that was earned more than made up for the loss of capital.

It was moved by R. Crotagino, seconded by P. Frise that the audited Financial Statements for 2012 be approved. **CARRIED.**

- **Treasurer's Report / Budget 2013**

The meeting folders include the 2013 Budget, which was previously approved by the Board of Directors. It is provided for the information of members, and projects profit of about \$14,000 for 2013 operations. The major deviation from 2012 is an increase in staff salaries. Year to date, we are on budget. While rent will be higher than projected due to CAE's landlord, the Council of Canadian Academies, increasing our rent 15% and investment income being lower due to a rebalancing of our investment portfolio to match our new Investment Policy, we will be under budget on our website upgrade, and sponsorship revenue will be higher than budgeted.

- **Appointment of Auditors 2013**

It was noted that we continue to receive good service and good value from our auditors/accountants, Marcil Lavallée, and the recommendation of the Board is that we reappoint them for the financial year 2013.

It was moved by M. A. Ball, seconded by K. Woodhouse that Marcil Lavallée be appointed as CAE auditors for 2013. **CARRIED.**

## 8. BY-LAW CHANGES

The By-laws were last modified in 2012. The proposed By-law change was e-mailed to our members on April 29, 2013, were posted on the “Members Only” portion of our website, and a few printed copies were made available at the AGM.

The Board has proposed that the maximum term for the Secretary/Treasurer be made consistent with the other members of the Executive.

The By-laws may be amended by a majority vote of the council, which has been completed, and a subsequent 2/3 affirmative vote of the voting members at the AGM.

Members will note that recent changes to the Canada Not-for-profit Corporations Act will probably require further modifications to our By-laws which will be considered at our 2014 AGM. They must be completed by October 2014.

It was moved by I. Jordaan, seconded by L. Lawrence that the By-Law amendment be accepted. **CARRIED WITH 2/3 AFFIRMATIVE VOTE.**

## 9. ELECTION OF DIRECTORS AND OFFICERS – 2013/2014

Executive Director Kevin Goheen noted that the Nominating Committee had provided a recommended slate of proposals for 2013/2014, and that these had been endorsed by the Board of Directors.

Relative to Officers and Directors-at-Large, the following names had been proposed:

For Officers:

President	Richard Marceau
President-Elect	Pierre Lortie
Secretary-Treasurer	Jacques Lyrette
Past President	Kim Sturgess

For Directors-at-Large:

Continuing:	Ian Jordaan
Continuing:	Eugene Polistuk
Continuing:	Douglas Ruth
Continuing:	Larry Staples
Continuing:	Kimberly Woodhouse
New:	Yves Beauchamp
New:	Ken Putt

There being no alternative nominations from the floor, it was moved by P. Frise, seconded by R. Crotagino, that this slate of officers and directors be approved. **CARRIED.**

Relative to membership of the Fellowship Committee the following proposal had been received:

For Fellowship Committee:

Chair (Continuing): Peter Frise  
President  
President-Elect  
Secretary-Treasurer

Members-at-Large:

Continuing: David Coleman  
Continuing: Don Whitmore  
New: Ken Putt

It was moved by J. Carr, seconded by E. Gervais, that this slate of members for the Fellowship Committee be approved. **CARRIED.**

As an information item, Kevin Goheen noted that the CAE members for the Council of Canadian Academies Board of Governors will continue to be Axel Meisen and Kim Sturgess and we thank them for their good work.

## **10. ANNUAL GENERAL MEETING ARRANGEMENTS – 2014**

President Marceau proposed St. John's, NL as the location of the next Annual Meeting in June 2014. He stated that while the theme has not yet been finalized, he is currently considering having the two current CAE Task Forces (Energy Pathways & Engineering in Canada's Northern Oceans) present panels for the symposium. Dates will be confirmed in the near future.

## **11. OTHER BUSINESS**

We will look into the possibility of doing a webinar for future annual meetings (a webinar might not allow for the interactivity needed for voting and the cost might be a concern).

M.A. Ball asked for clarification on the rent expenses for 2012 as compared to 2013 budget.

The idea of creating a new membership category of affiliate membership will also be examined.

President Marceau proposed a vote of thanks for the following retiring members of the Board: Robert Evans and Bert Wasmund; and retiring member of the Fellowship Committee: Dorina Petriu. He also thanked Office Manager, Valérie Broadfoot, for her work during the past year.

P. Frise announced that CAE Fellow Philip Lapp is very ill and that Phil's biography is in the works.



## 12. ADJOURNMENT

There being no other items of business, President Marceau thanked members for attending the AGM and declared a CONSENSUS for adjournment at 1:35 p.m.

### INDUCTION OF NEW FELLOWS 2013 (Added for the record)

The Induction of New Fellows took place prior to dinner on June 20, 2013 at the Delta Centre-Ville hotel. This year, 34 of the 47 newly-elected members were able to be present at the Induction Ceremony. P. Frise read the citations as each inductee came forward, received their framed certificate from R. Marceau and had a photograph taken, and then signed the members' register and received a CAE pin. Those present were:

Paul Blanchard	R. Doug Hooton	Walter F. Petryschuk
Bill Buckley	Andrew K.S. Jardine	Mohini Sain
Bruce Vincent Burlton	Mark Kortschot	Tarek Sayed
Claudio Canizares	Leah Lawrence	Amir Shalaby
Tongwen Chen	Alberto Leon-Garcia	Slobodan P. Simonovic
Sophie D'Amours	Andreas Mandelis	Ramamritham Sridhar
Gordon A. Fenton	Dougal McCreath	Christopher Tattersall
Jean-Luc Fihey	Hausi A. Muller	Pierre François Tremblay
Simon Foo	Panos Nasiopoulos	Chris Twigge-Molecey
Paul Fortier	David Naylor	Dharma Wijewickreme
Savvas G. Hatzikiriakos	Maher Nessim	
Suong Van Hoa	John Douglas Pearson	

Thirteen other Fellows have been formally accepted for the year 2013, and will receive their certificates and members pin by mail. The additional Fellows are:

Paul Amyotte	Larry Kostiuk	Lorraine Whale
Lee Barbour	Ged McLean	J. D. Wilcox
Yu-Ling Cheng	Catherine Rosenberg	Yiyan Wu
Thomas Darcie	Brent Smith	
Rafik Goubran	Maja Veljkovic	