

# Between



## CANADA ASSUMES KEY ROLES IN WASHINGTON ACCORD

Canada has been asked to lead the evaluation team that will assess Japan's readiness for full membership in the Washington Accord in 2005, and to lead the advisory team for India which plans to seek provisional membership in the future.

The requests came during the International Engineering Meetings (IEM) 2003 held in New Zealand from June 8-15. Japan and India will bear the cost of all activities carried out on their behalf.

At the meeting, Malaysia, Singapore and Germany were granted provisional membership in the Washington Accord. Provisional membership indicates the possibility that a country's accreditation system for engineering degrees may be recognized as substantially equivalent at a future date. Accredited degrees from provisional member countries are recognized only when those countries meet full member status which requires unanimous vote of the signatories.

The Washington Accord recognizes the substantial equivalency of accreditation systems of organizations holding signatory status, and recommends that graduates of accredited programs in any of the signatory countries be recognized by the other countries as having met the academic requirements for entry to the practice of engineering.

In addition to the Washington Accord meeting, the IEM included the APEC Engineer and Engineers Mobility Forum (EMF) meetings. Canada was represented in New Zealand by volunteers Bill Paterson, P.Eng., Past-Chair of CEAB and Chair of the first-ever Washington Accord monitoring visit, and Bill Walker, P.Eng., a member of CCPE's International Committee sub-committees on APEC and EMF who has been involved with the APEC file since the very beginning; and by Marie Lemay, P.Eng., CEO of CCPE, and Deborah Wolfe, P.Eng., CCPE's Director, Education, Outreach and Research.



CCPE CEO Marie Lemay, P.Eng., exchanges gifts with Dr. S.S. Gue, President of the Institution of Engineers, Malaysia, and Chair of the APEC Engineer Coordinating Committee.

## GORDON STERLING SWORN IN AS PRESIDENT OF CCPE 2003-2004

Gordon M. Sterling, P.Eng., assumed the presidency of CCPE for 2003-2004 during the Passing of the Gavel ceremony at CCPE's annual general meeting in Calgary on May 24.

In his acceptance remarks, Mr. Sterling outlined several of his key priorities for the upcoming year. Among them, he intends to be a strong advocate for CCPE and raise an even greater awareness of the benefits of CCPE amongst all the constituent members. He hopes to encourage CCPE's members to build on the spirit of cooperation and sharing that during the last year led to initiatives such as the Discipline and Enforcement agreement and the draft EIT guidelines. He also plans to encourage continued strengthening of relations with the federal government.



Joining Mr. Sterling on CCPE's Executive Committee are: President-Elect Darrel Danyluk, P.Eng. from Alberta, Past-President Hollis Cole, P.Eng. from New Brunswick, Chantal Guay, ing. from Quebec, and Bob Lorimer, P.Eng. from Yukon.

## CCPE HELPS LAUNCH TECHNOLOGY ROAD MAP

CCPE's Past-President Hollis Cole, P.Eng., was on hand June 6 in Moncton to help launch Canada's first-ever Civil Infrastructure Systems Technology Road Map (CIS-TRM).

CBC coverage of the event quoted Mr. Cole on the urgent need to address Canada's aging infrastructure and reiterated the message that sound infrastructure is a necessity of life. The TRM is an initiative of CCPE, the Canadian Society for Civil Engineering (CSCE), the Canadian Public Works Association and the National Research Council.

More information about the TRM is available in CCPE's June GR Bulletin. The Technology Road Map is available on the CSCE Web site at [www.csce.ca](http://www.csce.ca).

# AGM HIGHLIGHTS - 2003

**M**ay 23-24 were jam packed days for those attending CCPE's Annual General Meeting 2003 in Calgary. In addition to the general business that included full reports from CCPE's boards and committees, those in attendance were treated to presentations on a variety of topics of interest to CCPE's members during breakfasts and lunches.

The Ontario Society of Professional Engineers gave a presentation outlining their history and the role they play on behalf of Ontario's professional engineers. Dr. Michael Kallos, P.Eng., and Dr. Chan Wirasinghe, P.Eng., Dean of Engineering, both from the University of Calgary, delivered a highly informative presentation on Tissue Engineering based on a paper they had drafted for CCPE's Research Committee. As well, Kathleen Sendall, P.Eng., Petro-Canada's Senior Vice-President, Western Canada, and a member of the board of the Canadian Engineering Memorial Foundation (CEMF), was on hand to present three of this year's CEMF scholarship recipients with their awards.

## PLENARY SESSION

A busy plenary session included a presentation on Technicians and Technologists followed by breakout discussion groups. Immigration and the 2004-2006 Preliminary Budget rounded out the plenary session agenda.

## FROM CONSIDERATION TO INTEGRATION

The Board of Directors was given a progress report on Phase I of the From Consideration to Integration project. The associations/ordre will be scrutinizing the Phase I report in the summer months most importantly to verify the information on the process for international engineering graduates who apply for licensure in their jurisdiction.

Project activities to date have included:

- Focus groups with international engineering graduates, both licensed and unlicensed
- Scan of the licensing process used by other professions in Canada
- Interviews with settlement groups, agencies that serve immigrants, and CCPE's regulatory bodies
- Research exploring employers' points of view

The Phase I document will include a matrix showing all of the steps international engineering graduates must take from the moment they consider immigrating to Canada until they are integrated into the profession. The matrix includes specific information on each of the 12 engineering licensing jurisdictions in Canada and will form the basis for Phase II of the project slated to begin later this year.

## CLIMATE CHANGE ACTION PLAN

The Board expressed great satisfaction with the quality of the Climate Change Adaptation workshop organized by CCPE's Environment and Sustainability Committee and commended the committee on their diligence in quickly drafting an action plan based on the workshop findings. The draft plan is being fine-tuned and will be forwarded to the associations/ordre for their consideration in the near future. The Board requested the plan be finalized for consideration at their September meeting.

## OUTGOING BOARD MEMBERS

The terms of office of a number of Board members who have dedicated many hours and given selflessly in service to CCPE came to a close this year.

The Board paid tribute to retiring members: Bob Baird, P.Eng., APENS; Wayne MacQuarrie, P.Eng., APEPEI; Geoff Emberley, P.Eng., APEGN; Bryan Schreiner, P.Eng., P.Geo., APEGS; Peter Washchshyn, P.Eng., APEGM; Phil Sunderland, P.Eng., APEGBC; Fred Otto, P.Eng., APEGGA, and Pierre Boucher, ing., OIQ; as well as Jean-Yves Chagnon, the outgoing chair of the Canadian Engineering Accreditation Board.

## CCPE MEMBERS SIGN LANDMARK MOU ON DISCIPLINE & ENFORCEMENT

**T**he Presidents and Executive Directors of Canada's 12 engineering licensing bodies signed a landmark memorandum of understanding to cooperate on discipline and enforcement (D&E) activities.

The document addresses the need to ensure that, wherever they practise, Canada's engineers continue to meet standards of conduct and practice in order to protect public safety. It calls for co-operation between the provincial and territorial engineering regulators on the

exchange of information for the purposes of discipline and enforcement, that includes appropriate investigative and disciplinary action against licensed individuals and corporations practising professional engineering or using engineering titles without the appropriate licence in another jurisdiction.

The regulators also agreed to work together on problems of unlicensed practice and misuse of engineering titles.



Hollis Cole witnesses first-ever Canadian engineering MOU on D&E, one of his final duties as President of CCPE.



CANADIAN COUNCIL OF PROFESSIONAL ENGINEERS  
CONSEIL CANADIEN DES INGÉNIEURS

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# CANADIAN ENGINEERS' AWARDS RECIPIENTS



Hollis Cole, P.Eng., Past-President, CCPE; Anthony Rattue, ing.; Bryan Schreiner, P.Eng., P.Geo., Past-Chair, CCPE Awards Committee; Gilles Brière, ing.; Peter Hiscocks, P.Eng.; John Wonnacott, P.Eng.; Dr. Jean-Guy Paquet, C.C., O.Q., ing.; Dr. François Michaud, ing.; Dr. Walter Bilanski, P.Eng.; Peter Buckland, P.Eng.; Ali-Ismaïl Shivji; Dr. André Picard, ing.; and Marie Lemay, P.Eng., CEO of CCPE.

The 2003 recipients of the Canadian Engineers' Awards were fêted at a gala presentation ceremony and dinner in Calgary, May 24. All of the recipients were clearly moved by the tribute bestowed by their fellow engineers.

## **GOLD MEDAL AWARD**

**Jean-Guy Paquet**, C.C., O.Q., PhD, ing. President and CEO of the National Optics Institute (INO) Dr. Paquet has been a visionary leader in robotics research, in business and in academia. His skill at building partnerships among businesses, universities and research institutions has helped Quebec establish a vibrant technology community. (OIQ)

## **YOUNG ENGINEER ACHIEVEMENT AWARD**

**François Michaud**, PhD, ing. is conducting ground-breaking research to develop robots capable of a broad range of human-like activity; including those that can help autistic children. (OIQ)

## **MEDAL FOR DISTINCTION IN ENGINEERING EDUCATION**

**André Picard**, PhD, ing. is an inspirational engineering professor at Laval University. Author of several texts that have become standard civil engineering references, his commitment to his students and his research, and his contribution to numerous technical committees have touched countless lives. (OIQ)

## **MERITORIOUS SERVICE AWARD FOR COMMUNITY SERVICE**

**Gilles Brière**, ing. Working endless hours in the heart of conflict — Cambodia, the Democratic

Republic of Congo, and Rwanda — Gilles Brière uses his exceptional logistics and problem-solving skills to keep UN peacekeepers supplied with food and equipment while they work for peace in troubled lands. (OIQ)

## **MERITORIOUS SERVICE AWARD FOR PROFESSIONAL SERVICE**

**Dr. Walter K. Bilanski**, P. Eng. His work as an engineering researcher, leader and volunteer spans more than 40 years. In addition to ground-breaking agricultural engineering research, he has been a community leader in the city of Guelph, and an active volunteer for Professional Engineers Ontario and the Canadian Council of Professional Engineers. (PEO)

## **AWARD FOR THE SUPPORT OF WOMEN IN THE ENGINEERING PROFESSION**

**Peter D. Hiscocks**, P. Eng. Thanks to the Discover Engineering Camps he founded at Ryerson University, more than 1,000 young women who had no intention of becoming engineers when their camp began have pursued engineering studies. Peter Hiscocks is a tireless and committed advocate for equality. (PEO)

## **NATIONAL AWARD FOR ENGINEERING ACHIEVEMENT**

**Lions Gate Bridge Renovation** (Buckland & Taylor Bridge Engineering) Lions Gate Bridge required significant repairs but couldn't be closed

to daily traffic without severely impacting Vancouver's economy. Buckland and Taylor Engineering Ltd. came up with an innovative solution to allow the bridge to remain open during the day while its entire suspended structure was replaced section by section during 10-hour closures at night — an engineering first for a suspension bridge. (APEGBC)

**Design and Construction of the Diavik A154 Dike** (Diavik Diamond Mines Inc. and Nishi-Khon/SNC-Lavalin) The Diavik A154 Dike was essential to mining more than \$10 billion worth of diamonds from beneath Lac de Gras, 300 km north of Yellowknife. Together the award winners developed an innovative design that stretched the boundaries of Arctic engineering and proved environmentally sound. The mine will boost the annual GDP of the Northwest Territories by 25%. (NAPEGG)

## **GOLD MEDAL STUDENT AWARD**

**Ali-Ismaïl Shivji**, a McGill University engineering student has been involved in a host of humanitarian and leadership endeavours. His activities include a trek to Nepal to help install easily maintained lighting in remote mountain village homes so children, who must work in the fields by day, can study at night.

More information on the recipients is available at [www.ccpe.ca](http://www.ccpe.ca).