

# 愛城華人工程師學會

EDMONTON CHINESE ENGINEERS SOCIETY

P. O. Box 1881, Main Post Office, Edmonton, Alberta, Canada T5J 2P3

Web site: [www.eces.net](http://www.eces.net)

## *What's New*

*FOR THE MEMBERS*

*TO THE MEMBERS*

*BY THE MEMBERS*

April, 1999

Volume 6 Issue 1

### **1.0 Renewal:**

If you have not yet renewed your membership, send your renewal fees with the completed personal status update attached at the end of the newsletter. Any questions, give Yun Chen, P.Eng. VP of membership or any of the executives a call or send them an e-mail. The society will only succeed if you continue to support it.

### **2.0 1998 Reflection**

The society held 7 monthly technical dinner meetings with knowledgeable speakers. They were: January, Kelvin Tan, EIT on Y2K, February, Daniel Woo, P. Eng. on federal environmental regulations, March by Allan Kwan, P. Eng. on Re-engineering at Alberta Transportation, May by Austin Voon, P. Eng. on GPS, June by Steven Loo, P. Eng. on ISO in the consulting engineering field, September by Chris Chan, P.Eng. on ISO from a manufacturing perspective and in October by Tim Lee, P. Eng. on Laboratory Design. Titles of the talks and details were contained in previous newsletters. The topics were interesting, the speakers were well-prepared, the networking was useful and the food was good. Attendance at a couple of months were less than expected. It is hoped that with the PDH eligibility, the attendance will increase in 1999. So come out to support your society even if the talk may not be your special branch of practice. If we learn a little from each other, we will all be so much *more* knowledgeable than others who have not attended the technical dinner meetings.

The Anniversary banquet on April 25, 1998 featured prominent speaker, Mr. John McDougall, P. Eng., CEO and Managing Director of Alberta Research Council on "Technology Commercialization and the Role of the Alberta Research Council". Mr. McDougall has supported our society and has been our society's Director at Large since the society's incorporation. The banquet was attended by over 200 members and invited guests. The Honorable Gary Mar, Minister of Education, Councilor Terry Cavanagh of the City of Edmonton, APEGGA's deputy registrar Al Schuld, P. Eng. and Chinese community representatives attended the celebration. Minister Mar presented ECES' scholarship to engineering student Jeffrey Minyao Huang. Overall, it was a successful event.

The free ECES annual BBQ was held at Victoria Park on July 25, 1998. Members and their families were joined by ECES' honouray directors, Collin Wong, Micheal Cheung, John McDougall and Stewart McIntosh of APEGGA. We had good weather and fun for the afternoon.

During the November, 1998 meeting, a special resolution amending the bylaws to change the fiscal year end to September 30 and full membership to include EITs was passed. These amendments should enhance the society's operations.

Our society has now registered a web site [www.eces.net](http://www.eces.net) Give it a try.

In 1998, participation in and/or assistance given to community projects by the Edmonton Chinese Engineers Society included but not limited to: the China Flood fund raising event, the Chinese New Year Celebration Banquet, Mah King-Hong Ping Pong Tournament, Mayor Smith's meeting with Chinese community associations/societies, APEGGA-sponsored iron ring ceremony for new engineers.

During 1998 Executive Committee meetings were held monthly on the 4<sup>th</sup> Sunday at Alberta Kaiping District Association who throughout the years have generously provided the facility free of charge to the society.

### ***3.0 Previous Meetings***

#### October 19, 1998 Technical Dinner meeting

We heard Tim Lee, P. Eng. of Public Work Government Services Canada spoke on "Laboratory Designs". Mr. Lee's talk on the design of laboratories to handle hazardous materials was very informative. One professional member noted that it was one of the most interesting technical talk he has attended. We learned that a lab in Australia had over 8 protective zones and that complete scrubbing would be required each time you entered and exited a zone. We also learned that Canada's specialized lab is in Lethbridge while the US lab, the Centre for Disease Control is in Atlantic.

#### November 9, 1998, Monday, Annual Election, Bylaws Amendments and Strategic Planning meeting

- Over twenty members attended. Of which, fifteen were full members. The 1999 election for Executive Committee members was conducted by Collin Wong, LLB, our society's legal counsel. Results of the election were: Daniel Woo, President; Chuan Kua, VP Communication; Yun Chen, VP Membership; Chris Chan, Treasure; Ron Lau, Director of Technology; Tah Chan, Director of Recreation, Chris Chan (dual), Secretary.

Legal Counsel Collin Wong also conducted the discussions of proposed amendments to change fiscal year from November 30<sup>th</sup> to September 30<sup>th</sup> and to provide EITs "full" membership. The proposed amendments received unanimous support from members in attendance. Details of the proposed amendments were contained in the October 1998 newsletter (volume 5 issue 4). Further to the meeting, Legal Counsel Collin Wong advised in Feb., 1999 that the Amendments have now been registered with the Alberta Corporate Registry and in full force.

Facilitator for the Strategic Planning session was founding executive member, Allan Kwan, P. Eng. Good exchanges of ideas were provided by members in attendance. Notes written by Allan on the brainstorming session were reviewed by the executives in following monthly executive meetings. Steps will be taken to action the items that are accepted. Members are reminded that suggestions and comments on how to improve the society's affairs are *always* welcome, not only once a year at the Strategic Planning session.

#### December 14, 1998 Annual Meeting and Xmas Party

Chairman for the annual meeting and Xmas Party was Chuan Kua, P. Eng., VP of Communication. Prior to his annual report, President Daniel Woo thanked Sik-On Yu, P. Eng. and Dr. Phillip Choi, P. Eng. for their dedicated work as executive committee members in 1998.

President Woo also reflected the various activities the society undertook in 1998 (listed in previous section) and emphasized the continuous need of members' support. Without members' participation especially new graduates, the society would not be able to advance or survive.

Treasurer Chris Chan, P. Eng. provided a recap of the society's 1998 expenses and revenues. Treasurer Chan noted that our society's budget was balanced and in the "black". Auditors for the 1998 treasurer's statement were Allan Kwan, P. Eng. and Phillip Choi, P. Eng.

Following the treasurer's report and announcement of next year's audit committee members (comprised of Yun Chan, P. Eng. and Allan Kwan, P. Eng.), a nine-course meal and a gift exchange followed. The gift exchange portion was conducted by Kelvin Tan, EIT. The gift exchange included a gift swapping provision which provided few excited moments. Overall, members enjoyed the session.

#### January 11, 1999 Technical Dinner Meeting

In this snowy evening, we heard Dr. Phillip Choi, P. Eng. of the University of Alberta giving us an informative talk on "Polymers - here, there and everywhere". Besides giving a brief technical talk on the structure of polymers, Dr. Choi provided examples of practical applications. Do you know that a bridge entirely made of polymer has been in existence for years and that DNA is a polymer? Dr. Choi also passed real polymer samples that was used in contact lenses for members' to see.

#### March 8, 1999 Technical Dinner Meeting

Speaker for the evening was Mr. Ken Chua, P. Eng. of the City of Edmonton on "Advances of North American Trenchless Technology in Sewer Application". Besides giving the members a technical talk on technology, Mr. Chua stayed after the talk and answered members' questions. Do you know that Edmonton's total sewer network is 4400 km in length and would be worth \$14 billion if pumps are included - just imagine stretching it out on flat land the distance the network would cover! (Due to the renovation at Marco Polo Restaurant, for the first time, the venue for the technical dinner meeting was changed. It was held at the Miramar Restaurant.)

### ***4.0 Upcoming Meetings***

April 12, 1999, Monday, Technical dinner meeting commencing at 6:00 PM at Miramar Restaurant 9431 - Jasper Avenue, Edmonton. Speaker for the evening will be Ron Chamberland, Safety Coordinator, Pyramid Corporation on "Electricity: The unseen danger".

Note: Hours attending ECES' technical dinner meetings qualify for APEGGA's professional development hours. So come by yourself or with your colleagues to network with your peers, listen to an informative presentation and have a good dinner. Our meetings are also listed in APEGGA's newspaper, the PEGG's society listing page. Take a look and if you use internet, look it up at <http://www.apegga.com/societielisting.htm>

May 10, 1999, Monday, Technical dinner meeting - 6:00 PM at Miramar Restaurant, speaker being confirmed. We will hear a technical talk on Solar Energy by Gordon Howell, P. Eng. of Howell-Mayhew Engineering Inc. Do you know the great potential for solar energy? There could be enough energy generated by the sun now for all the people's needs only if the energy could be stored! Come listen to this very informative talk.

## **5.0 MEMBERSHIP NEWS**

**New Members:** welcome new members Daman Ng, CA and Raymond Kwong, P. Eng. Damon is VP of the Design Group and Raymond is a Professional Engineer with extensive railroad experience.

### **Other news:**

Ken Chua, P. Eng., founding member of the society has been elected and will be the President of the NASTT (Northern American Society of Trenchless Technology)'s Northwest Chapter. Congratulations, Ken.

APEGGA-sponsored iron ring ceremony, March 20, 1999 - Chris Chan and Daniel Woo attended the event to lend a hand to graduating engineers in the morning workshop. The luncheon speaker at the event, Dr. Susan Kresta spoke of the global economy we engineers now face and that Canada, because of its heritage and multiculturalism, is well suited for the endeavor. We hope ECES can contribute, though in small scale, to Canada's success.

APEGGA Annual General Meeting - April 21, 22,23 in Calgary, Alberta

China Hi-Tech Fair - October 5<sup>th</sup>-10<sup>th</sup>, 1999 in Shenzhen, China

Alberta Kaiping District Association Grand Opening of their Wellness Drop-in Centre – June 6, 1999 at 1:00 PM and reception at 6:00 PM at Miramar Restaurant. Let's show our support.

## **6.0 CAREER CORNER**

### **Opportunities available:**

The following web sites contain opportunities. It is worthy to check them out periodically. (*Tips* for internet: instead of typing in the web sites, highlight and copy the web site then paste it to the site location.)

Federal summer student program:	<a href="http://www.psc-cfp.gc.ca/recruit/fssep1e.htm">http://www.psc-cfp.gc.ca/recruit/fssep1e.htm</a>
National Energy Board	<a href="http://www.neb.gc.ca/">http://www.neb.gc.ca/</a>
Public Service Commission:	<a href="http://publiservice.srv.gc.ca/hr/hr_e.html">http://publiservice.srv.gc.ca/hr/hr_e.html</a>
Canada Employment Weekly:	<a href="http://www.mediacorp2.com/">http://www.mediacorp2.com/</a>
Nortel Employment	<a href="http://www.careermosaic.com/cm/nortel/">http://www.careermosaic.com/cm/nortel/</a>
Hong Kong Standard technical/engineering	
<a href="http://jobmarket.hkstandard.com/online/job/english/post/eptechn.htm">http://jobmarket.hkstandard.com/online/job/english/post/eptechn.htm</a>	

*Also*, a junior/ intermediate software developer (graduates of CE/EE/SAIT/NAIT) required for pipeline company in Calgary, contact Matt Jeang in Peace River directly Tel: (780) 624-6466 E-mail: [Matt.Jeang@gov.ab.ca](mailto:Matt.Jeang@gov.ab.ca) or one of the executives if you are interested.

### **Members looking for opportunities include:**

- Graduating engineers in all branches - during the iron ring ceremony held on March 20, 1999, we met graduating engineers (receiving B.Sc. this month) in all branches who are still looking for work. Thus, let any of the executives know if you are aware of any opportunity.

## **7.0 DO YOU KNOW THAT.....**

(We are using this space to share noteworthy information, especially news items dealing with engineering and Asia Pacific commerce. Let the Executives know via phone or e-mail if you catch any news in newspapers or technical journals)

(a) What will you be doing in January 1, 2000? - page 5, Chemical Engineering, January 1999  
"Of course, there are skeptics who believe that Y2K is more media-driven hype than an industrial threat. They should consider the results of recent "00" dummy runs in the U.S. At a power plant, faulty readings from a stack-gas sensor shut down the plant within 20 seconds of the test start; control valves at a wastewater treatment plant would have discharged untreated effluent; and the fuel rods in a nuclear power plant began to oscillate, because of faulty air-conditioning controllers." If you attended our January, 1998 technical dinner meeting you would have got the background of Y2K from our speaker on that evening.

(b) Oilweek, Feb. 8, 1999 page2  
"Internationally relationships are king. The secret is to work the relationships. Required are interpersonal skills, *cultural* sensitivity and patience -----" Greg Rich past president of Amoco Canada

### ***YOUR 1999 EXECUTIVES***

President	Daniel Woo, P. Eng.	951-8734	Dan.Woo@ec.gc.ca
Past President	Sidney Lam, P. Eng.	495-2922	lams@globalserve.net
VP Membership	Yun Chen, P. Eng.	955-2988	yunc@pyramidcorporation.com
Treasurer & Secretary	Chris Chan, P. Eng.	468-6789	cchan@streamflo.com
Director of Technology	Ron Lau, P. Eng.	466-6888	ronel@supperiway.net
Director of Recreation	Tah Chan, P. Eng.	992-8167	tchan@mettech.dynatec.ca
Honorary Director-at-Large	John McDougall, P. Eng.		
Honorary Legal Counsel	Collin Wong, LLB		
Honorary Charter Accountant	Michael Cheung, C.A.		

**If you have any concerns or comments, please drop us a line at P.O. Box 1881 Main Post Office, Edmonton, Alberta T6J 2P3 or e-mail to us**

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### **INVOICE and membership update:**

1999 membership renewal: Full member \$30, Associate member \$15

Please make cheque payable to the Edmonton Chinese Engineers Society (ECES) and mail to above address.

Do you need a written receipt (please note yes or no):

Name:

Phone Office:

Home:

Fax:

E-mail:

Address if changed in last year:

Professional designation (P. Eng., EIT, CA, LLB, CGA or other):

Area of practice (eg.HVAC, geotechnical, environmental, law, accounting):

Do you agree to post above information in an ECES directory? The directory will be used by members and prohibited from commercial use.

Please note yes or no:

How would you like to receive the newsletter (hard copy, fax or e-mail)? To be environmentally friendly and for quick distribution, we encourage e-mail.

Have you visited our web site?

If not, would you be visiting on a regular basis?

Suggestions to improve the technical dinner meeting and other events: