



愛城華人工程師學會  
EDMONTON CHINESE ENGINEERS SOCIETY

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## *What's New*

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FOR THE MEMBERS

TO THE MEMBERS

BY THE MEMBERS

The ECES is a non-profit organization established in 1993. Our membership includes individuals of Chinese and non-Chinese decent, as well as individuals from other professions and countries. Our mission is to promote the common interests of our members with objectives of:

- Exchanging technical information
- Establishing liaisons with Asia Pacific engineering organizations
- Promoting fellowship
- Providing input on the developments in the Chinese community
- Assisting engineering students through the offering of scholarships and advice on job opportunities

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## *IN THIS ISSUE*

- **E.C.E.S. Election 2002**
- **Annual General Meeting**
- **Micro-Surfacing Technology**

**....and much, much more!**



## ***I. Previous Meetings***

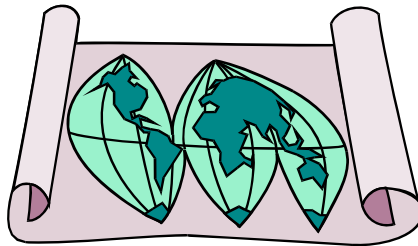
### October 15, 2001 Technical Dinner

Mr. Darcy Paulichuk, P. Eng., of Alliant Engineering & Consulting Ltd. and Mr. Bob Park of McAsphalt Western Ltd. gave an interesting and informative presentation on Micro-Surfacing technology and its importance to road maintenance.

Some of the key points members took away from the presentation were:

- Micro-Surfacing's history and versatility; developed by German scientists in the late 1960's that incorporates select bitumen, aggregates, polymers, and emulsifiers, producing a stable cold-mix paving material to remedy a broad range of road maintenance problems.
- Applications in Alberta transportation 2001 projects and abroad (e.g. German Autobahn, throughout the United States, Europe and Australia)
- How Micro-Surfacing is made and applied, often permitting traffic within *one hour*
- Micro-Surfacing Applications and Advantages...*"creating a new stable surface that is resistant to rutting and shoving in summer and to cracking in winter."... "with a life expectancy usually exceeding seven years"*.
- Universal applications in the maintenance and optimisation of road surfaces providing...*"attractive cost benefits, ecological compatibility's, and road safety benefits such as grip improvement, surface drainage efficiency, and better sound absorption"*
- Future monitoring and pavement maintenance programs that extend pavement life by preventing damage from water seepage and oxidation.

We would like to thank Mr. Paulichuk and Mr. Park for their enlightening talk.



## ***II. Upcoming Meetings & Events***

As the fall/winter season is upon us, your executive committee has been busy preparing for the Society's upcoming events. Please make note of the following schedule:

- November 19<sup>th</sup> – Election of Executive Committee

E.I.T. and P.Eng. members are eligible to run for the executive committee.



- December 17<sup>th</sup> – E.C.E.S. Annual General Meeting

- i) Discuss financial status of Society
- ii) Report 2002 election results



- iii) Seasonal Christmas celebration & gift exchange

- January 14<sup>th</sup>– Allan Kwan, P.Eng. (topic to be announced)
- February 11<sup>th</sup> – Bernard Chan (RRSP)
- March 11th - Vijay Ghai, Specialist in Alberta Transportation talks on "Sufacing Design"

### *III. Golf Invitational to Kick-off ECES Fall Season*

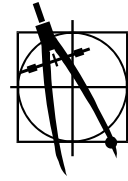
The E.C.E.S. held a friendly golf invitational at the Springs Golf Course here in Edmonton on August 25, 2001. Sixteen members and their guests participated in the event that was considered to be a success by all.



#### Notes:

All technical dinner meetings are held at Mirama Restaurant, 2<sup>nd</sup> floor, 9431 – Jasper Avenue starting at 6:00 PM. Cost including 9 course Chinese dinner is \$15/person, \$10 /student, \$20/non-member. Hours attending ECES' technical dinner meetings qualify for APEGGA's professional development hours.

Our meetings are also listed in ECES's web site [www.eces.net](http://www.eces.net) and 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>



#### ***IV. Other News***

##### **ZIFF ENERGY GROUP**

##### **NORTH AMERICAN GAS STRATEGIES CONFERENCE**

**Nov 5-7, Calgary.** Hear what industry experts have to say about production, marketing, prices and gas supply. For more information: Tel (403) 234-6555 or toll free 1-800-853-6252, e-mail: [gasconference@ziffenergy.com](mailto:gasconference@ziffenergy.com), Web site: [www.ziffenergyconferences.com](http://www.ziffenergyconferences.com)

##### **ALTENERGY 2001**

**Nov. 8, Edmonton, AB.** Registration for the AltEnergy 2001 conference has commenced. Registration forms and additional event information can be found at [www.altenergy2001.org](http://www.altenergy2001.org). The attendance for this exciting new event will be greatly benefited by the City of Edmonton Economic Development event that is running concurrently in the Shaw Convention center. Information on this event can be found at [www.technologyforsuccess.com](http://www.technologyforsuccess.com). Please note that we are separate events however their 700 paid delegates will receive no charge entrance into the AltEnergy exhibit.

##### **2001 – TRENCHLESS ODYSSEY**

**Dec. 6, Edmonton Ramada Hotel and Conference Centre.** For information and registration contact Graham Sterparn: (780) 438-9000. For exhibit booth rental or sponsorship contact Alan Miller: (780) 451-7666.

##### **2001 CANADA CONFERENCE ON JAVA TECHNOLOGY**

**Dec. 9-12, 2001, Banff.** This 4-day conference will provide both educational and networking opportunities PLUS ... Sun Microsystems' Java University program will be there delivering three intense 1-day sessions on the hottest aspects of Java technology! Sun's training is designed and presented by expert engineers from companies like Sun Microsystems, ComTech Training and Inferdata. Contact information: Codi Isaac, Conference Coordinator, Isaac Engineering Inc., E-mail: [codi.isaac@isaaceng.com](mailto:codi.isaac@isaaceng.com)

##### **APEGGA DISTRICT MEETING LUNCHEON**

Location: Sheraton Grande Hotel , 10235 101 Street, 11:30 a.m.  
Speaker: Tom Keogh, P.Eng., Managing Director & President, ZiMARC  
Topic: Engineering Challenges in Advanced Technologies

**Abstract:** From product development, sales and quoting, to process engineering, production and quality assurance, the engineering challenges that we experience range from an expanded focus on strategic purpose to the integration of all elements of the manufacturing system - the interface - people with machines.

Express Registration: To avoid the line-ups, pre-register with your VISA, American Express or MasterCard and pick up your receipt at the door. Please note that cancellations within two working days of the luncheon will be billed. To register, please call Shirley Layne at 426-3990, ext. 369 or e-



mail: [slayne@apegga.org](mailto:slayne@apegga.org) by Thursday, November 15.

## ***V. Career Corner***

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.)

### **RESOURCES TO CHECK OUT**

Canadian Embassy in Washington	<a href="http://www.canadianembassy.org">http://www.canadianembassy.org</a>
The Canadian Commercial Corporation	<a href="http://www.ccc.ca">http://www.ccc.ca</a>
International Business Opportunities Centre	<a href="http://www.iboc.gc.ca/webleads/webleads.asp">http://www.iboc.gc.ca/webleads/webleads.asp</a>

### **GET WIRED**

Asia Dragons	<a href="http://www.asiadrasons.com/">http://www.asiadrasons.com/</a>
Asia Trade Sites	<a href="http://cci-net.com/links/asiatrade.asp">http://cci-net.com/links/asiatrade.asp</a>

### **UPCOMING INTERNATIONAL/NATIONAL EVENTS**

Wireless Mission to SouthEast Asia ( <a href="http://www.exportsource.gc.ca">http://www.exportsource.gc.ca</a> )	FEBRUARY 21- MARCH 5, 2002
Chinese Business Expo and Conference ( <a href="http://infoexport.gc.ca/canadaexport">http://infoexport.gc.ca/canadaexport</a> ) Toronto, ON	APRIL 17 - APRIL 19, 2001
Trade Mission to SouthEast Asia ( <a href="http://www.ascope2001.com">http://www.ascope2001.com</a> ) Kuala Lumpur, Malaysia	NOVENBER 4 - NOVEMBER 16, 2002

### **MEMBERS LOOKING FOR OPPORTUNITIES**

April International Executive Search	<a href="http://www.aprilinternational.com/">http://www.aprilinternational.com/</a>
Asiaco Job Centre	<a href="http://jobs.asiaco.com/">http://jobs.asiaco.com/</a>
Job Asia	<a href="http://www.jobasia.com.sg/">http://www.jobasia.com.sg/</a>
IBOC trade opportunities	<a href="http://www.iboc.gc.ca/webleads.asp">http://www.iboc.gc.ca/webleads.asp</a>
Public Service Commission	<a href="http://www.jobs.gc.ca">http://www.jobs.gc.ca</a>
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>

## VI. *Did You Know That.....*

### Japan's Future-phones

You've heard the hype about 3G, the technology that promises to bring high-speed Internet and even video to the cellphone.

*DoCoMo offers a 3G videophone, a standard 3G phone without video and a high-speed wireless modem card for portable computers.*



*Most impressive is the videophone. A rotating mini-camera is built into the hinge between the phone and the lid. To make video calls, you spin the camera to face inward and hold the handset out in front of you. You need to use an earphone and mike while doing this. For the most part, I found the video images crisp and surprisingly unjerky. If you rotate the camera to face outward, you can also use the phone like a camcorder or shoot still photos.*

*The phones and connection service are expensive. The video model sells for between \$518 and \$616, depending where you buy it. And by my reckoning, sending and receiving a lot of data could at least double my monthly phone bill. Another drawback with the videophones is that few people use them yet, making it difficult to find anyone to call. Battery life on the new phones is dramatically shorter, with the videophone offering 55 hours of standby time according to DoCoMo, one-eighth what I get on my current handset.*

**Want to know more? Go to:**

(<http://globalization.about.com/gi/dynamic/offsite.htm?site=http%3A%2F%2Fwww.pathfinder.com%2Fasiaweek%2F>)

## Jiang's Biggest Gamble

Global turmoil has set the stage for a new, more modern China. Will Jiang Zemin have the guts and the political savvy to push reforms — and stave off further social unrest?

By SHAI OSTE



*Crowds flooded into Tiananmen Square, shouting slogans and carrying banners. On the university campuses of northern Beijing, students slammed down their books and rushed outside. But unlike a decade ago, these public outcries were not calls for democracy or an end to corruption. Instead, the crowds gathered to sing the national anthem and shout "I love China." The source of this joy? China's soccer team ended 44 years of frustration by defeating Oman and qualifying for next year's World Cup. It's the kind of spontaneous outpouring of emotional nationalism that reinforces a belief that this is China's - and President Jiang Zemin's - moment in the sun. "It might be premature to say the state of our republic is strong," the English-language, Communist Party-controlled China Daily wrote in a National Day editorial. "But never before has our nation been so well-poised for mighty undertakings."*

*The terrorist attacks on the U.S. and the war on Afghanistan have catapulted China onto the global stage. Somewhat grudgingly, Jiang has backed the U.S. war on terrorism, despite a welling up of anti-American sentiment at home. The unprepossessing former engineer deserves a great deal of credit for China's rising stature. He has overseen 12 years of robust economic growth, during which the country was transformed from a maker of cheap plastic trinkets to an I.T. powerhouse. During his watch, Hong Kong and Macau returned to the motherland, economic ties with Taiwan deepened, and China's influence in Asia grew. Beijing got the Olympics after being shunned in 1993. Jiang has overseen the professionalization of government, as technocrats are promoted from within. And finally, after 15 years of negotiating, China has gained entry into the World Trade Organization.*

*But China's moment comes at a time of crisis. As the global economy plummets, China's exports will slow, putting new strains on society. If Jiang manages the challenges that now face China, the world's most populous nation could emerge as a respected player on the world stage, the political and commercial leader of Asia, and a stabilizing influence. If he stumbles, or succumbs to domestic political pressures, China could become an international bully and face political tumult at home. To succeed, Jiang will have to take chances on political and legal reform that he has thus far tried to avoid. He has just two years to put China on the right path, for he will step down from the Presidency by 2003.*

*The willingness to adapt may wind up being Jiang's true legacy. He shed his conservative fears of a domestic backlash to back China's entry into the WTO, the greatest achievement of his term. But the difficulties China faces in the coming years will require an even greater readiness to open up to global influences that can't be kept out and the desires of a population that can't be kept down. When Jiang hands the reins to the next generation of leaders 2003, he will have guided his society through the tumultuous post-revolutionary era. If he gets the next steps right, China will be on the way to becoming a truly modern country.*

**Read the full story at:**

(<http://globalization.about.com/gi/dynamic/offsite.htm?site=http%3A%2F%2Fwww.pathfinder.com%2Fasiaweek%2F>)



## Hong Kong Update

The Hong Kong Government will be investing over C\$3.5 billion in major tourism developments, including Disney Theme Park, over the next five years.

*Chief Executive, Mr. Tung Chee Hwa, said that Hong Kong was already Asia Pacific's leading tourist destination, welcoming more than 13 million visitors last year. He said that Tourism was one of the key economic drivers of Hong Kong.*

*Mr. Tung highlighted five major tourism developments:*

- *Development of Yam O on Lantau onto a new tourism node*
- *Leverage on the harbours and countryside of Sai Kung, encouraging water sports and world class resorts*
- *Create a cultural belt for new arts, culture and entertainment areas on the West Kowloon Reclamation*
- *Build a heritage, entertainment, and dining area in Central*
- *Support the Ocean Park on its strategic plan, integrating it into the new Aberdeen Harbour tourism node*

*The Disney Theme Park looks forward to Mickey and Minnie in 2005.*

(exerpt from: Hong Kong Update, September 2001)

## ***VII. Your 2001 Executive Committee Members***

President	Wing Choy, P. Eng.	963-5711	wing.choy@gov.ab.ca
Past President	Daniel Woo, P. Eng	951-8734	Dan.Woo@ec.gc.ca
VP Membership	Sidney Lam, P. Eng.	495-2922	Sidney.Lam@PWGSC.GC.CA
VP Communications	Sam Ling, E.I.T.	440-8240	sling74@hotmail.com
Treasurer	Chris Chan, P. Eng.	468-8547	chrisch@telusplanet.net
Director of Technology	Cuong Vuong, E.I.T.	915-3688	cc_vuong@hotmail.com
Director of Recreation	Celina Duong, E.I.T.	963-6131	celina.duong@gov.ab.ca
Secretary	Francis Wu, P. Eng	463-3304	franyowu@home.com



Honorary Director-at-Large	John McDougall, P. Eng.
Honorary Legal Counsel	Collin Wong, LLB
Honorary Charter Accountant	Michael Cheung, C.A.

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### Disclaimer:

*What's New* is a newsletter written to inform members. Readers are cautioned to check the accuracy of contents themselves.

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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 the editor [\*\*sling74@hotmail.com\*\*](mailto:sling74@hotmail.com)

愛城華人工程師學會  
EDMONTON CHINESE ENGINEERS SOCIETY

**MEMBERSHIP RENEWAL**  
*(complete and return with remittance)*

Name: \_\_\_\_\_

Phone (office): \_\_\_\_\_ \*

Phone (home): \_\_\_\_\_ \*

Address: \_\_\_\_\_ \*

E-mail Address: \_\_\_\_\_ \*

\* If changed from last year

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Fee: P. Eng., and E.I.T. \$30  
Other professions (C.A., LLB, Architecture) \$15  
Student \$15

Please make cheque payable to the Edmonton Chinese Engineers Society and mail to:

EDMONTON CHINESE ENGINEERS SOCIETY  
P. O. Box 1881, Main Post Office, Edmonton, Alberta, Canada T5J 2P3

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