

Feb., 2007

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AtlanTECH

news



the technology professionals newsletter
of New Brunswick, Prince Edward Island, Nova Scotia and Newfoundland
Les spécialistes de la technologie au Nouveau-Brunswick

39 years of certified success

The NBSCETT/StagN-B Presidents Awards Banquet -
at Crowne Plaza, Fredericton Friday, April 27, 2007

Banquet dinner and Sat. luncheon tickets \$35.00/ea

= dinner/ luncheon tickets must be purchased in advance from NBSCETT =

Annual General Meeting / 10:00 am

Assemblée générale annuelle - Saturday, April 28, 2007



39 années de Succès Agréé



ACETTPEI Annual General Meeting will
be April 26th, 2007 at Rodd Charlottetown Hotel.

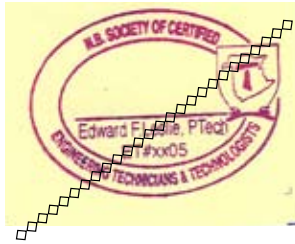
Members are asked to register attendance before April
13th, so we can get an accurate number of those

attending; registration forms available: info@acettpei.ca. Our guest speaker
will be Mr. Yefang Jiang on “The State of Water on Prince Edward Island”.



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The **Certified member's identification Stamp** (english or french) order form is downloadable at

www.nbscett.nb.ca as well as the **national Technology Ring** order form.



NBSCETT - SttagN-B:

Vision: to foster an enthusiasm in New Brunswick (Canada) for applied science and engineering technology.

Mission & Objectives: of NBSCETT is to govern and regulate technology services in New Brunswick. Promoting the advancement of accredited training and certified professionals, and promoting applied science and engineering technology in New Brunswick.

Beliefs: **NBSCETT believes;** the public interest is paramount; in continuous improvement; in fiscal responsibility; in providing quality customer service; in providing leadership in the community; in the creative use of resources.

Planning to, or interested in, working in , the United Kingdom ?

For more information regarding certification recognition in the UK, certified members should contact the Engineering Council (UK) Registrar, Chris Simpson, 10 Maltravers Street, London, England WC2R 3ER

Tele: 020 7240 7891
Direct: 020 7557 6468
Fax: 020 7379 5586

csimpson@engc.org.uk
www.engc.org.uk

NBSCETT's annual membership renewal fees are due on January 1st of each new year, and valid through to December 31st of each year.

The late payment date is January 31st; and the late payment charge is \$50.00. The Registry removal date is March 31st; and employers will be notified of 'struck off' members.

Certified/Associate members who are unemployed, are full time students, or, are permanently retired from the workforce, may apply for 80% reduction in dues, upon receipt of resumé / affidavits.

Please, help your professional Society better use the resources for education, the profession, and the promotion and protection of titles. All members are urged to notify the Society office at their earliest convenience, should they have any question / concern; and to inform the Society administration of any changes to their employment or contact information.



AtlantTECH

c/o NBSCETT / SttagN-B,
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Editorial opinions, submitted articles and reports published within the AtlantTECH do not necessarily reflect the opinion/policy of the Councils/Societies; and the Societies do not accept any responsibility.

All submissions are welcome, in either official language, and shall be presented in the language received.

Employers are offered free 'business card' size advertising space when seeking members of the Societies for employment; **general advertising rates are available and, previous issues are available for perusal/download at www.nbscett.nb.ca.**

The AtlantTECH has circulation to over 4,000 decision makers throughout Atlantic Canada, and across the country. Address all correspondence to Executive Director, E. F. Leslie, CAE, P.Tech.



Whether it is the Society's certified member's identification stamp, the wall certificate, or the Technology ring worn by Professional Technologists and Certified Technicians (*on the small finger of the working hand*) these indicators announce the certified member status, and recognition within the multi-disciplinary team. **Society members, as well as the public, help protect these legislated titles by reporting any misuse.**

The New Brunswick Engineering Technology Act (July 1986) states it is an offence for anyone who is not a full member of the Society to use the titles in any form: Certified Engineering Technician/Technologist, Certified Technician, Applied Science Technologist, Professional Technologist, or the like of: CET, CTech, ASCT or PTech. Someone may mistakenly use a protected title, or possibly a non-member continues to display a Society wall certificate, or wear a Technology ring after being struck from the registry, giving the impression they're certified. When no longer a member, certificates and all other identifying items must be returned. For reporting details call Society office.

EXPLORE MY FUTURE ENTREPRENDS TON AVENIR



EXPLORE MY FUTURE CAREER AWARENESS EXPOS ARE CONTINUING TO GROW!

NBSCETT and its members assist in promoting careers in trades and technology fields.

Students and career information seekers can discover a world of opportunities; including:

- Careers that interest them
- The educational path to reach that career
- The practical steps they can take now to prepare for future studies and employment.

SHARE YOUR EXPERTISE WITH NB STUDENTS SO THEY CAN MAKE A WISE CAREER CHOICE



LES SALONS SUR LES CARRIÈRES ENTREPRENDS TON AVENIR

CONTINUENT À GRANDIR! Stagg-NB et ses membres nous aident à promouvoir les carrières dans les domaines des métiers et les carrières en technologie. Les expo carrières *Entreprends ton avenir* permettent aux étudiants et aux chercheurs d'information sur les carrières de déterminer :

- quelles carrières les intéressent
- la formation nécessaire
- les étapes pratiques à suivre maintenant pour se préparer à faire des études complémentaires et à exercer la profession voulue.

PARTAGEZ VOS CARRIÈRES ET VOTRE EXPERTISE AVEC LES ÉTUDIANTS DU NOUVEAU-BRUNSWICK



**For information: / Pour informations :
Patricia Duffy (506) 547-7511 www.exploremyfuture.ca**

?? Limited Licence for P'Tech's in New Brunswick ??

The Association of Professional Engineers and Geoscientists of New Brunswick (APEGNB) have been reviewing for consideration the granting of limited scopes of practice, or a Limited Licence. A Limited License is intended to recognize that certain individuals who do not qualify to practice Professional Engineering or Professional Geoscience may be granted a limited scope of practice to carry out certain specific functions normally within the definition of the practice of professional engineering/geoscience without the supervision of a P.Eng/P.Geo. Currently five provinces offer a Limited License to Technologists, and APEGNB and NBSCETT are looking at establishing a national model for limited licensure in New Brunswick.

APEGNB Past President Brent Smith, P.Eng., Chair of the Task Force on Limited Licensure presented the findings of the task force to the APEGNB membership at their 2007 Annual Meeting held in Saint John, NB on February 16, 2007.

In addition to the Chair, Task Force members included Iris Auclair-Bernard, ing., APEGNB President, John Gallant, P.Eng., Moncton Councillor, John Bliss, P.Eng., APEGNB Registrar, William Paterson, CET, P.Eng., APEGNB President (1980), Andrew McLeod, APEGNB Executive Director, Jim Nyers, P'Tech, NBSCETT President, and Ed Leslie, CAE, PTECH, NBSCETT Executive Director.

APEGNB has referred this model to their Legislation Committee for review and recommendations of necessary changes to the Act and By-Laws. These changes will then be communicated to the membership at the 2008 Annual Meeting. If passed, the changes would go to a letter ballot and if approved then APEGNB would file a notice of private members bill to amend the Engineers and Geosciences Professions Act in the Fall of 2008.

CAIN
Insurance Services Ltd.



Errors and Omissions Insurance for NBSCETT members

NBSCETT Errors & Omissions Insurance offers:



- Very attractive annual premiums
- Protection against Professional Liability
- Instant Online Quote available at www.caininsurance.ca or by phone 459-3000 or 1-888-475-2246
Contact: Angie Walton
- Various limits of Insurance available
- Low deductibles

860 Prospect St. Fredericton, NB E3B 2T8
www.caininsurance.ca

PROJECT EIDER ROCK:

Once operational, there will be 1,000 permanent and 2,000 maintenance jobs, with approximately 200-300 of those technically focused. The need for increasing the skilled labour force in our community will be great.

Future Focus

On Oct. 5, 2006, Irving Oil announced its intention to explore the possibility of building a second petroleum refinery in Saint John. After months of extensive market analysis, we decided to proceed to the next phase. This past January the project, which became known as Eider Rock, entered the federal and provincial government environmental assessment processes.

Projects of this scale don't happen overnight. However, by taking this first step, we are moving that much closer to making this significant economic opportunity a reality.

We are committed to making Project Eider Rock the most energy efficient, technologically advanced refinery in North America. As we progress further along the project's design phase, we are committed to selecting the best available, proven technology. We believe that environmental performance and economic development can and should co-exist.

Now that the environmental assessment processes are underway, there are two other major steps that need to be taken before Project Eider Rock can further proceed. One is determining the feasibility of the project. In the nearly 30 years since the last refinery was constructed in North America, petroleum demand has not kept up with supply. Even with the addition of alternative fuels and vehicles to the market, demand for petroleum fuels will not significantly change in the foreseeable future. With the market demanding more refining capacity for clean fuels, we are in a unique position to meet this opportunity and build on our history of serving customers in Canada and northeastern U.S. Our location, as well as our reputation as a reliable supplier of clean fuels, places us at an advantage to further the development of Saint John as the region's "energy hub". The other major step is securing a partner who wishes to invest in an opportunity of this magnitude with a long range investment focus like Irving Oil.

Project Eider Rock is in the initial phases of the environmental assessment and design, and the anticipated 5,000 construction jobs are still 3-5 years away.

That's why we've been continuously working with schools, businesses and community organizations in the region to look at ways of enhancing the local, economic and social benefits and spin-offs from this proposed \$5-\$7 billion investment. We're also in the process of conducting several studies in the fields of education, environment and engineering, which along with public consultation, will help shape the decisions to come and prepare the community for the changes that may be ahead. It's these collaborative efforts that will enable us to continue our work towards making Project Eider Rock a reality.

What's in a name?

The proposed second refinery project has been named "Project Eider Rock," after a hardy marine duck native to the northeastern region of North America. Unlike most ducks, the Eider does not migrate each season. Eiders remain at home, near the sea, living together in close-knit communities. The Rock represents our community's strength, permanence, and a solid foundation on which to grow together.





Do you love your career?

Would you consider telling others about it?

Explore My Future is looking for new members for its career awareness speakers bureau.

In 2002, *Explore my Future* career awareness expos were created so that students and career information seekers could discover:

- Careers that interest them,
- The educational path to reach that career and,
- The practical steps they can take now to prepare for future studies and employment.

Now, guidance counselors and other career professionals are telling us that they would like to have access to people in various career fields who are willing to discuss their career with students and other job seekers.

Join us!

Explore My Future welcomes individuals, from a variety of career fields, to share insights about their personal career development. Speakers will have an opportunity to discuss their career, how and why they chose it and what they did to prepare.

Members of our Speakers Bureau are not obligated to accept any speaking request, and are able to discuss the details with the counselor making the request before accepting. There is no charge to participate in the Speakers Bureau. Speakers should be aware that presentations to non-profit organizations or school related presentations are normally done without financial compensation.

If you would be interested in becoming part of this Provincial Speaker's Bureau, please send a note to the person or association that shared this with you. They will contact Explore My Future to see about the possibility of you becoming a speaker. The on-line registration process is easy and should take only a few minutes on your computer.

Aimez-vous votre profession?

Voudriez-vous en parler à d'autres?

Entreprends ton avenir recherche de nouveaux membres pour son répertoire de conférenciers sur la sensibilisation aux carrières.

Les expo-carrières *Entreprends ton avenir* ont été créées en 2002 pour permettre aux étudiants et aux chercheurs d'information sur les carrières de déterminer :

- quelles carrières les intéressent,
- la formation nécessaire, et
- les étapes pratiques à suivre maintenant pour se préparer à faire des études complémentaires et à exercer la profession voulue.

Les conseillers en orientation et autres professionnels de la carrière nous font savoir qu'ils aimeraient avoir accès à des personnes exerçant diverses professions et qui seraient disposées à discuter de la leur avec les étudiants et autres chercheurs d'emploi.

Joignez-vous à nous!

Entreprends ton avenir accueille avec grand plaisir la participation de personnes exerçant diverses professions et qui désirent partager leurs idées relativement à leur propre développement professionnel. Les conférenciers discuteront de leur carrière, de la façon dont ils l'ont choisie et de ce qu'ils ont fait pour s'y préparer. Chacun a une histoire à raconter et les Néo-Brunswickois désirent les entendre.

Si vous êtes intéressé, veuillez envoyer une note à la personne ou à l'organisation qui vous a fait prendre connaissance de la présente. Elles communiqueront avec *Entreprends ton avenir* afin d'évaluer la possibilité de vous compter parmi ses orateurs. Le processus d'inscription est simple et ne devrait prendre que quelques minutes sur votre ordinateur. Rien ne vous oblige à accepter une quelconque demande de conférence et vous serez en mesure de discuter des détails d'une allocution avec le conseiller qui a présenté la demande avant de l'accepter. La participation au bureau des orateurs est gratuite; ces derniers doivent toutefois être informés que les allocutions faites à l'intention des organisations sans but lucratif ou des écoles le sont généralement à titre gracieux.

Your advertising message here.....

Dear Advertising / Marketing Manager;

An excellent opportunity for your organization, especially in the current economic climate ***when you want your message to go as efficiently and effectively directly to your audience market***, is the member direct AtlanTECH news. You are encouraged to give careful attention to this excellent advertising opportunity for your organization, considering the display advertising in the 4,000 plus circulation, is read by the decision makers of the applied science and engineering technology team communities throughout Atlantic Canada. The AtlanTECH news is the member publication for the NBSCETT, the Association of Certified Engineering Technicians and Technologists of Prince Edward Island (ACETTPEI), and TechNova (Society of Certified Engineering Technicians and Technologists of Nova Scotia -SCETTNS). Besides being distributed to the certified technology professional members, this publication is also read by related associations' members and business leaders across the Maritimes and Canada, as well as in community colleges and libraries.

The AtlanTECH news features articles on the milestones of the maritime associations, member profiles, reports of the Canadian Council of Technicians and Technologists (CCTT) and Canadian Technology Accreditation Board (CTAB) activities, as well as a review of the various Society's meeting, By-Law amendments, photos and consumer benefit information.

Display advertising rates for the quarterly AtlanTECH:

business card size - \$150.00	1/4 page - \$225.00	1/3 page - \$275.00
1/2 page \$325.00	full page \$705.00	
(advertising is not printed on the front cover)		
inside back cover \$750.00	inside front cover \$850.00	outside back cover \$965.00

Page size is 19 cm X 25.5 cm.

All prices are net; and NBSCETT does not charge PST or GST.

AtlanTECH advertising electronic submission deadlines: September 05, November 05, February 05, May 20.

Should you have any questions or wish to discuss your particular advertising needs (colour; irregular size; etc.), and insertion in the quarterly AtlanTECH newsletter, do not hesitate to call at your earliest convenience.

download this .pdf printable information at:

http://nbscett.nb.ca/Advertiser_Information.63.0.html

*Edward F. Leslie, CAE, PTech
Executive Director - NBSCETT/SttagN-B*

Saint John Branch General Meeting

April 12, 2007

7:00 PM

Barrack Green Armory, Saint John

Agenda: Opening remarks and welcome
Branch President - Jeremy Reid
Society Executive Director - Ed Leslie
Swearing in of certified members
Vice President David Sheaves

We will be accepting nominations for participation in the Saint John Branch executive committee followed by the election of officers.

Anyone interested in serving on the executive committee please reply to this e-mail.

Speakers

Todd Hunter, Retube Supervisor ACEL and
Mike Verner, Construction Manager ACEL

Topic

Scope of ACEL Related Field Work (How the reactor will be Refurbished and Retubed).
Employment Opportunities (Recruitment)

Conversation and networking opportunities over refreshments.



More Than Food Technology

By Stephen Gould C.E.T.

The P.E.I. Food Technology Centre does more than the name suggests. FTC is one of the Jewels of the PEI Department of Development. The P.E.I. Food Technology Centre was established in 1987 to provide technical support to the food processing industry on Prince Edward Island. Since then, FTC has strategically developed its infrastructure and has attained recognition as a quality technology provider to its many local, regional, national and international clients. FTC continues to improve its services to the food processing industry in areas of food product and process development and laboratory services, and now has expertise and infrastructure in place for bio-resource upgrading.

Technology is advancing at a tremendous rate; by working at FTC for the last 17 years I have been able to use many of these new technologies. Working in this environment of innovation and development, has allowed me the opportunity to work with some great scientist's. One of these scientists is Dr. Mircea Vinatoru who is renowned throughout the world for his work in Sonochemistry. Mircea designed several unique devices to for use at FTC has prompted much interest in this technology. I had the good fortune to work directly with him learning as much as possible in the few years he was with us. These devices and the technology are currently being used to assist in the extraction of several molecules with the potential for commercialisation.

Traditional methods of extraction are evaluated based on the economics of the process, with the assistance of ultrasonic energy the efficiency of the extraction is often improved making the process more profitable. To further describe the technology I have included an article written by Mircea.

For further Information about the PEI Food Technology Centre and the innovative work underway visit www.gov.pe.ca/ftc

Ultrasounds in the Extraction of Biomolecules from Renewable Resources

by Dr. Mircea Vinatoru

A herbal extract can be defined as a compound and/or a compound mixture extracted by different procedures from either fresh or dried plants or parts of plants such as leaves, flowers, roots, bark and seeds. Characteristically, active constituents are obtained together with other materials present in the vegetal mass. The field of extraction of bioactive molecules from vegetal materials is part of phytopharmaceutical and food technologies.

Vegetal materials are invaluable resources, used directly in medicine or in daily life as food, food additives, flavours, fragrances, pharmaceuticals and colours. Plants have a long history all over the world and over the centuries, humanity is continuously developing better methods for the preparation of herbal extracts.

Non-conventional extraction techniques have gained more attention because of their potential to selectively extract specific parts from biomasses. Among extraction techniques are: supercritical fluid extraction; vertical (turbo) extraction; electrical energy extraction; microwave extraction; ultrasonically assisted extraction.

Ultrasonically assisted extraction is one of the non-conventional extraction techniques that have been increasing in popularity, especially in the last 15 years, due to the developing of ultrasonic devices. Powerful and reliable ultrasonic reactors are now available to process, in batches or continuously, tonnes of biomasses.

The Prince Edward Island Food Technology Centre (FTC) is one of the best-equipped extraction facilities within Atlantic Canada. The supercritical fluid, refrigerating solvent extraction units and recently the ultrasonically assisted extraction unit are some of FTC's most significant assets. FTC is currently able to offer batch operating ultrasonic devices capable of processing from less than one litre to around 50 litres in extraction volume and continuous flow reactors that could process tonnes of biomasses. An extremely versatile ultrasonic reactor, designed by our Ultrasonic Chemist, completes FTC's ultrasonic assets.

When looking at the general unit operations scheme for solvent extraction (see Figure 1.), it should be noted that ultrasounds can easily interfere in the core part of this procedure.

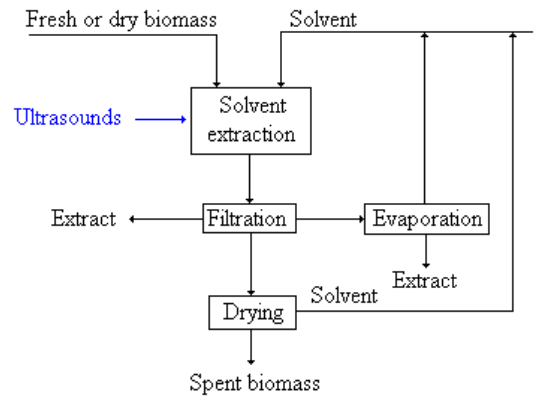
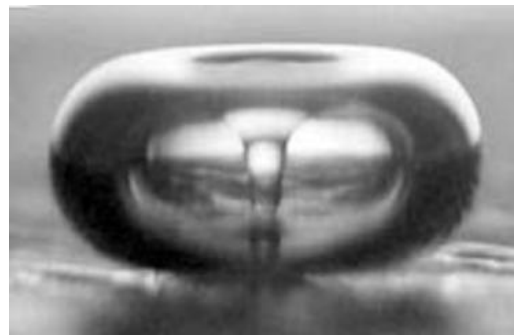


Figure 1. General Unit Operations Scheme for Solvent Extraction

The ultrasonically assisted extractions are based upon the creation, growth and sudden collapse of cavitation bubbles. When a bubble collapses near a solid surface it occurs asymmetrically (see Figure 2.) and generates high-speed jets of solvent towards the cell's walls, therefore increasing the solvent penetration into the cell. The extraction rate is further enhanced by the cell's wall disruption during the bubble collapse which releases the cell components into the extraction solvent.



High speed jet **Figure 2. Asymmetric bubble collapse**

Ultrasonically assisted extractions offer multiple benefits:

- Selective extraction compared with other techniques
- Versatile technique that allows small-scale as well as large-scale processes;
- Short extraction times and room temperature (or lower) operation, avoiding damage of the temperature sensitive compounds;
- Excellent solution for tincture manufactures.

Several beneficial features of ultrasonically assisted extraction have yet to be discovered and FTC is moving forward in this direction. For FTC the future is here, in the present time.

PROPERTY INSURANCE FOR YOUR CAR

TD Meloche Monnex is proud to present these safety tips to help drivers protect the contents of their vehicles.



Vehicle Theft

Cars are stolen intentionally, not accidentally. Car theft costs Canadian consumers almost \$600 million in insurance claims for unrecovered vehicles, as well as stolen contents.

The consequences of car theft are not only monetary. There is also the emotional upset experienced by victims, the hours of wasted time, the loss of irreplaceable personal belongings, and the other crimes that are often committed with stolen vehicles.

Why you need property insurance for your car

Your car is gone. A million things run through your head. Maybe you parked it in a different spot. Maybe you were towed. What if it was stolen?

Your auto insurance policy covers you for the damage or loss of your vehicle – not the items inside. Wallets, CDs, laptops, sports equipment, sunglasses, etc., are all considered “property” in the insurance world.

Statistics show that a car is stolen somewhere in Canada every three minutes. When cars are stolen, personal items in the car are rarely recovered. Even when the car is found, personal possessions in the car are usually gone for good.

What happens when my things are stolen from my vehicle?

Generally, coverage for in-car stolen or damaged property is covered through your property policy. For example, if your car was broken into and your ski equipment or golf clubs were stolen, it would be covered under your property policy.

If you don't have property insurance, then you are responsible for replacing any of those stolen items. If you do have home insurance, and your car and its contents are stolen, then you will need to make two claims – one on your auto policy for the loss of the car and one on your property policy for all your personal items.

Tip

If you have both your home and auto insured with the same company, you'll only have to pay one deductible – even if you're making a claim on both your home and auto policies. If one of your policies has a higher deductible than the other, you'll have to pay the higher one. This is something to investigate further before choosing an insurance company.

What if I don't own a home. Can I still get property insurance?

Absolutely! Thieves don't check to see if you own or rent. Everyone should have property insurance – even if you don't own a house. Condominium owners and people who rent homes or apartments should still get property insurance to protect belongings inside and outside the home.

Remember, at TD Meloche Monnex, our insurance professionals are always ready to serve you with all the care and expertise you deserve.



Meloche Monnex

Insurance for professionals and alumni

An affinity for service

This safety tip is brought to you by:
TD Meloche Monnex

TDMelocheMonnex.com/nbscott

1 888 589 5656

Professional Development Opportunities

Dalhousie University
Continuing Technical Education
*Your ONE PLACE for
professional technical training.*

Change Acceleration Process (CAP) Skills for
Project Managers May 29 - 30, 2007
Halifax, NS id:5266

Group Facilitation Skills- Technical Mgrs Jun 5
- 6, 2007
Halifax, NS id:5267

Team Leadership Skills- Project Mgrs
May 15 - 16, 2007
Halifax, NS id:5268

Implementation & Documentation of a Quality
System to the ISO 9001:2000 Standards Apr
30 - May 2, 2007
Halifax, NS id:5298

Moving Towards Total Quality
Management Maintenance & Continual Im-
provement Jun 11 - 13, 2007
Halifax, NS id:5299

Project Management: Concepts & Techniques
Jun 13 - 15, 2007
Halifax, NS id:5321

Target Costing: Concepts and Methods
Jun 11 - 12, 2007
Halifax, NS id:5322

Operations Optimization: Concepts and Tech-
niques Jun 18 - 20, 2007
Halifax, NS id:5323

= For information on Dalhousie University,
Continuing Technical Education visit our
homepage <http://www.cte.dal.ca>

Workshops UNB CEL Professional Development [profdev@unb.ca]

*For the most current workshop schedule and
registration form, please visit http://extend.unb.ca/prof_dev/workshops/index.php*

Watershed Management -Fredericton
April 23-25, 2007 \$890

The Watershed Management and Planning
workshop will build the information and knowl-
edge base needed to understand and interpret
the development of an Integrated Water Re-
source Management (IWRM) plan. The topics will
include: introduction to IWRM, water transfer,
terrestrial ecosystem and impacts of land use,
aquatic ecosystem, aquatic ecosystem health
and impact assessment, water use, wastewater,
governance and community based approaches,
and organizational infrastructure and manage-
ment; finishing with an overview of the type of
information, sources, and steps and tools re-
quired to build an IWRM plan.

Instructors: Canadian Rivers Institute

Design and Rehabilitation of Bridges
Saint John April 25-27, 2007 \$1495

Bridges need to be rehabilitated for a variety
of causes, such as deterioration due to environ-
mental effects, the need to carry heavier vehicu-
lar loads, or deficiencies in the original design
or construction. Those responsible for maintain-
ing bridges need to keep abreast of the latest
techniques available for assessing the condition
of their structures, as well as the methods and
techniques for repairing or strengthening them.
This workshop will cover various topics such as
bridge types, criteria for analysis and design;
evaluation; rehabilitation and strengthening;
material components and loads; superstructure;
substructure and foundation design.

Who should attend? Managers and engineers of
national, provincial and local highway agencies,
railway bridge engineers, consulting engineers,
superintendents and contractors, fabricators,
material suppliers and material testing personnel
who are interested in rehabilitation of bridges,
regulatory agency staff and others responsible
for inspecting, maintaining, upgrading and safe-
guarding existing bridges.

Instructor: Adel R. Zaki

New Professional Liability Insurance Program Launching May 1st

A new professional liability (known as errors and omissions or 'E&O') insurance program designed specifically for technicians and technologists in Canada will be launched to NBSCETT members on May 1st. Co-ordinated by the Canadian Council of Technicians and Technologists (CCTT), the program is being underwritten by AIG Insurance Group Inc., a major U.S.-based insurance company. The program is available exclusively to members of NBSCETT and the nine other provincial members of CCTT. The Canadian firm offering the program on behalf of AIG is Dale Parizeau LM of Quebec. In Eastern Canada, the firm of LMS PROLINK will act as the official broker. LMS PROLINK manages over 30 professional liability insurance programs for associations across the country and has partnered with Dale Parizeau LM to deliver a number of national programs in recent years.

NBSCETT members, and other technicians and technologists across Canada, will have access to the plan, which is tailored to meet their needs. Dale Parizeau LM has been offering a similar program to technicians and technologists in Quebec for several years. LMS PROLINK says the new CCTT program will deliver NBSCETT members the most comprehensive and cost effective E&O coverage available. Preliminary market research has shown that annual premiums for the insurance coverage will be considerably lower than those available outside of the program.

"We are extremely pleased to see this program coming into place now," ASET President Larry Stone, C.E.T., said when the announcement was made in Alberta, late March. "We have a lot of members who need this coverage now and who have had some difficulty in getting it from the regular insurance market. One problem has been that most existing programs are designed for engineers or architects, not technologists." "In the future, as more technologists in Alberta take on more legal responsibility or form their own companies, having liability insurance will become even more important," he added.

In recent years, calls for professional liability coverage from members have picked up dramatically. More members are becoming contractors or consultants, and more employers are demanding that their staff or contractors have the coverage.

Although NBSCETT members cannot purchase coverage until May 1st, members interested in more information and a quotation can contact:

Derrick Leue, Account Executive, Insurance Programs

LMS PROLINK Limited Suite 800, 480 University Avenue Toronto, ON M5G 1V2

Telephone: 800-663-6828, ext. 7717 Fax: 416.595.1649

E-mail: derrickl@lms.ca Website: www.lms.ca/cctt



ACETTPEI Presidents Letter

March 2007

Here we are into a new year, one which is bringing with it some new, exciting experiences and challenges for all of us both professionally, and personally. Technology is changing each and every day and ACETTPEI is trying to keep current and be able to help our membership in this aspect as well.

Our Annual General Meeting is coming up next month (April) and I look forward to seeing everyone. Registration forms have been mailed out, and further information can be found in this newsletter. We are glad to have Mr. Yefang Jiang presentation on "The State of Water on Prince Edward Island", a topic that I am sure will be interesting to everyone.

ACETTPEI is privileged this year to be hosting the Canadian Council of Technicians and Technologists (CCTT) Annual General Meeting in October. This is a new experience for council and we would like to set up a committee to help us with the planning and organizing of this event. We are also looking for volunteers to create committees for;

- Promoting CETs in the workplace by approaching employers about what a CET can offer their companies

- Membership benefits available to ACETTPEI members

Please consider how you may be able to help out your council and your association by volunteering. If you are interested in volunteering please contact us at info@acettpei.ca

or by phone 892-TECH (8324).

I am looking forward to the coming year as council is always changing and evolving, having new members coming in with fresh ideas and energy. I would like to take this time to thank the council members new and old, for all of their time and energy.

Respectively Submitted,

Melanie Schneider, CET

ACETTPEI, President



ACETTPEI Council Nominations

Nominations are now being received for the 2007 council. The Council consists of the President, Vice President, Past President and a minimum of four Councillors. Any certified member in good standing is eligible to have their name put forward for election. Additional information can be found in your copy of our bylaws or give our office a call, we'd love to hear from you.

Ballots were sent out with the 2007 Dues Invoices, this year the only positions up for election are councillor positions. We have two members interested Scott McGuigan CET was filling a vacant seat and is offering for the fourth council seat and Laurie Eveleigh CET has offered for the fifth council seat.

We are also looking for a volunteer to act as secretary for the council meetings.

Any one interested can add their name to the ballot if interested in the council position. Ballots are to be returned to our office to the attention of our Past President Brian McLellan, CET.

ACETTPEI Membership dues

Notice to ACETTPEI members that dues have been sent out if you have not received yours yet please give our office a call. The dues and application fees for 2007 will be as follows:

Certified Member\$140

Associate member.....\$90

Retired member.....\$20

Student member.....\$10 (valid until graduation)

Honorary and Life member.....No Fee

Application fees (set by Council).....\$50

ACETTPEI Appoints New CCTT Director

We are very pleased to announce that David Penney, CET has been appointed by council to be our National Director to the Canadian Council of Technicians and Technologists. David brings a wealth of experience to the position and is very eager to get involved. David was a former member of council and registrar of our association and is familiar with our inner workings; he should represent us very well at the national table. Welcome aboard David.



The 2007 Annual General Meeting of the Canadian Council of Technicians and Technologist (CCTT)

will be held this October in Charlottetown, PEI. As host of this event our association is involved in the organization and running of some of the event, this requires volunteers to make happen. If you would like to help out or join the CCTT Planning Committee.

ACETTPEI Merchandise We have some golf shirts in stock and members interested can drop by our office and check them out, they make a great gift anytime, for any special occasion. We also have mugs and writing pens that would look be great for office gifts. Any one who has suggestions or ideas they would like to see for merchandise can give our office a call, or email-info@acettpei.ca we would like to hear from you.

ACETTPEI Web Site is now Up and Running.

We would like our members to go to the web site and register; this will enable us to keep our records updated easier and allow us to contact you by email with news items and updates. There is a new form section and members are encouraged to post questions or articles you feel your fellow members would be interested in. Please send us your suggestions and comments.

Are you interested in purchasing a Ring?

Certified members of ACETTPEI are eligible to wear the CCTT Professional Ring; an easily recognizable, visible symbol of certification with CCTT. A sterling silver band, in the design of a gear wheel with intermittent maple leaves, is available for the exclusive use of fully registered members (A.Sc.T., C.E.T. or C.Tech.). The ring is worn across Canada by registered members of the provincial associations of the Canadian Council of Technicians and Technologists (CCTT). Your ACETTPEI Council strongly advocates that all certified members wear one. Rings can be ordered through the ACETTPEI office and general arrive within two weeks of the order, the cost of a ring is \$75 all taxes included. Ring sizes vary in 1/2 sizes from 3 to 14.

Workshops UNB CEL Professional Development [profdev@unb.ca]

Project Management Essentials

Fredericton May 7-9, '07 - \$995 plus HST

This «hands-on» workshop integrates theory of project management (PM) with application in the real world; and «real world» application of PM principles are driven home through anecdotes from Janice's background. Participants are encouraged to relate their own project experiences and voice concerns over how the methodologies can be applied to their working environment.

Materials included:

- * Full-text workshop reference book which parallels the workshop content
- * Complete copy of workshop slides
- * Sample PM workplan templates
- * Glossary of common PM terminology
- * Reprints of project management articles
- * Workshop exercise/scenario handouts

This workshop will benefit both people responsible for managing projects, as well as active participants on a project team, but especially those who have not yet been exposed to the tools, techniques and terminology of formal project management. The workshop conforms with the internationally recognized standards of the Project Management Institute (PMI®). Participants learn PMI terminology and standards that will aid project communication and continuous learning efforts. This workshop is also an excellent prerequisite for those who plan to use one of the many available project management software tools (such as Microsoft Project), and for those wishing to take more advanced workshops for designation as Project Management Professional.

Instructor: Janice Petley

**Workshops UNB CEL
Professional Development
[profdev@unb.ca]**

Aboriginal Awareness-Fredericton
May 10-11, 2007 \$545 plus HST

This workshop will provide participants with a better understanding of Aboriginal people in New Brunswick, offering approaches and considerations for consultations, meetings and personal interaction within a working context. Topics to be discussed include: the legal and cultural aspects and implications of the various terms used with respect to Aboriginal people; the Aboriginal worldview, culture, values and traditions; assess personal biases, assumptions, prejudices, myths and misperceptions of Aboriginal people; and the similarities and differences between Aboriginal and non-Aboriginal cultures, societal and organizational structures and approaches. Instructors: Reni Han & Barb Martin, Han Martin Associates



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ImageWear by Mark's Work Wearhouse has paired with NBSCETT to offer a WORK CLOTHING/FOOTWEAR benefits package to all NBSCETT Members



This card is re-usable and valid until **March.15.08**. It must be shown for benefits to be applied and the discount only applies to regular priced items (in the event of an item being sale priced, the lower price will apply).

If there are any concerns while shopping at MWWH please have the Store Manager call **Nathalie Gunther** at ImageWear

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The high octane rubber NXC core and NXC cover produce long straight shots and soft feel around the green.



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Dunlop Titanium Distance
Titanium infused core for straight distance. Over 100+ cover holes.

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FREE Charge It Shoulder Bag

With any order of 90 discs, using any combination of the 3 featured golf balls above.

\$76.67 VALUE





The annual **TD Meloche Monnex - NBSCETT Bursary** for 2006 has been presented to **Joel Daigle** (*centre in photo*), 2nd year Civil Engineering Technology - Geoma-

tics, NBCC-Moncton, and son of Society member Don Daigle, CET (*at left in photo*). Society Executive Director Ed Leslie, CAE, PTech (*at right in photo*) presented the \$1,000 Bursary on behalf of TD Meloche Monnex Group, the Society's home and auto insurer partner.



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Canadian Global disciplines, and hundreds of options, job titles

The Canadian Council of Technicians and Technologists (CCTT) Constituent Member associations (such as NBSCETT, ACETT-PEI, TechNova) established global technical disciplines of engineering technology, and are recognized internationally; visit www.cctt.ca to peruse international Agreements and MOU's.

Some of the sub-titles are listed in each of the global disciplines listed:

BioScience

* Agriculture * Air, Water and Land Resources * Drug Processing * Fish and Wild life * Fisheries * Food Processing * Landscape Architecture * Pollution Control

Building

Architectural * Construction/Building Management * Computer Assisted Drafting * Naval Architecture

Chemical

Applied Chemistry * Corrosion and Electrochemistry * Environment & Waste Management * Food Technologist * Industrial Chemistry * Industrial Hygiene * Organic Chemistry (gas & petroleum) * Polymers (plastics) * Process Instrumentation

Civil

Architecture * Building Materials Technicians * Environmental Resources * Fire Protection * Geotechnical * Landscape * Marine * Structural * Transportation / Highways & Municipal * Urban and Regional Planning * Water Resources

Electrical / Electronics

Electrical Machinery Design * Industrial Electrical Controls * Physics * Power & Distribution * Avionics * Audio/Acoustics * Bio-medical Electronics * Broadcast * Computer * Electromechanical * Telecommunications

Forestry

Forest Engineering Technician * Forest Resources Technologist * Pulp and Paper * Wood Products

Geomatics

Cadastral * Cartographer * Geodesic * Geographical Information Systems * Survey Technologist

Industrial

Computer Applications * Energy Systems * Fire Protection * Industrial Chemistry * Industrial Controls * Industrial Engineering * Industrial Hygiene * Industrial Management * Loss Prevention * Manufacturing Technologist * Quality Control

Information

Computer Systems Technologist * Computer Networks Technologist * Network Technician * LAN/System Technician

Instrumentation

Avionics * Industrial Controls * Industrial Mechanics Technologist * Nuclear Power Controls

Mechanical

Aeronautical * Aerospace * Fluid Power * HVAC / Refrigeration * Manufacturing * Marine * Mechanical Engineering Design * Mobil Equipment * Motive Power * Power Engineering Technologist * Textiles

Mineral Resources

Geological Technician * Marine Geoscience Technologist * Mineralogy Technician * Metallurgical Technologist * Seismic Technician * Welding Technologist *

Petroleum / Geosciences

Extrative Metallurgy Technologist * Geological Technologist * Mineral Technologist * Petroleum Technologist * Mining Technologist * Processing Technician * Resource Planning *



Canadian Council of Technicians and Technologists
Conseil canadien des techniciens et technologues

www.cctt.ca

NBSCETT / SttagN-B Technology Foundation

The Society's Technology Foundation was established almost 10 years ago to support students of the nationally accredited NBCC-CCNB engineering technology programs which lead to the graduates internationally recognized certification (CTech or PTech).

The Society's Technology Foundation aw

Have you been looking for a new incentive to offer your employees which will benefit their health and wellness? Golf is a recreational activity which can be enjoyed by men and women of all ages and here is an opportunity for your staff to learn about the game "free of charge".

The 2007 golf season is right around the corner and through the combined efforts of the Atlantic Chapter of the National Golf Course Owners Association Canada and the Atlantic Zone All donations to the Technology Foundation – Charité Technologie are tax deductible.

NBSCETT / SttagN-B By-Law 17
TECHNOLOGY FOUNDATION
- CHARITÉ TECHNOLOGIE

The Technology Foundation - Charité Technologie ("the Foundation") is established by the Society to promote the training and education of members and prospective members by providing scholarships, bursaries, grants, or financial assistance to persons attending or proposing to attend any school, college, or university, and undertaking or proposing to undertake any Engineering / applied science technology diploma study in New Brunswick or elsewhere, in programs acceptable to the Foundation. The Foundation may solicit, receive and accept all manner of contributions, gifts, bequests and legacies from any person, firm or corporation.

I, _____,

(print name)

hereby direct that my donation of \$ _____

be held by the Technology Foundation/ Charité technologie Inc. [Registered Charity #866482334RR0001] for a period of not less than ten (10) years in compliance with subsection 149.1 (1) (e) (B) of the Income Tax Act.

X: _____ Mbr #: _____

date: _____

Student Financial Services (SFS) of the New Brunswick Department of Post-Secondary Education, Training and Labour is again offering information sessions on student financial assistance programs to students/parents, April and May. A major change for the 2007-'08 academic year is parents/spousal's income will not be used to determine eligibility for the N.B. Student Loans. The result is a larger number of students to get financial assistance. Many information sessions are offered in both official languages.; and, twenty (20) will be offered in the evening.

Please note, for August 1st, 2007 or later program starts, the online and paper application 2007-2008 should be available on or after May 1st, 2007 on SFS website at www.studentaid.gnb.ca. Many other forms will be available online including the Parental Contribution Calculation.

For any inquiries call 1 800 667-5626.

les Services financiers pour étudiants (SFE) du ministère de l'Éducation postsecondaire, de la Formation et du Travail du Nouveau-Brunswick offriront, encore cette année en avril et mai, des sessions d'information concernant les programmes d'aide financière aux étudiants et aux parents intéressés.

Un changement important pour l'année académique 2007-2008 est que les Services financiers pour étudiants ne tiendront pas compte du revenu des parents/du conjoint pour déterminer l'admissibilité aux prêts étudiants du N.-B. Par conséquent, un plus grand nombre d'étudiants seront en mesure de recevoir de l'aide financière. En plus de d'autres changements, je vous encourage fortement à assister et à informer vos clients de la session d'information qui aura lieu dans votre région.

Plusieurs sessions d'information seront offertes dans la province dans les deux langues officielles. De ces sessions, vingt (20) seront offertes en soirée. À noter, pour les programmes débutant le 1er août 2007 ou plus tard, la demande 2007-2008 en ligne et la version papier devraient être disponibles à compter du 1er mai ou plus tard sur le site Web des SFE à www.aideauxetudiants.gnb.ca. Plusieurs autres formulaires seront disponibles en ligne dont le calcul de la contribution parentale.

Pour toutes demandes, veuillez communiquer au 1 800 667-5626.

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Under provincial legislation, our auto insurance program is not offered in British Columbia, Manitoba or Saskatchewan. The TD Meloche Monnex home and auto insurance program is underwritten by Security National Insurance Company and distributed by Meloche Monnex Insurance and Financial Services Inc. in Quebec and by Meloche Monnex Financial Services Inc. in other provinces and territories.