



ASTT e-News, September 2008

ASTT e-News is broadcast to technologists, technicians, technical specialists and others. It contains the latest information about your profession and your association. Each issue is also posted to the ASTTBC web site.

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ASTTBC Support For BIG Little Science Centre

ASTTBC's Executive Director & Registrar, John Leech, ASCT, CAE, was in Kamloops in late July to promote technology education and careers. The day-long program was developed by Don Graham and BIG Little Science Centre Executive Director, Gord Stewart. The ASTTBC Executive Director presented a cheque for \$1,500 to BIG Little's founder Gordon Gore and to the Centre's Executive Director, Gord Stewart. ASTTBC will provide a total of about \$5,000 in 2008 in support of the BIG Little Science Centre's work to enhance science and technology awareness. The school year from September 2007 to August 2008 saw record attendance of approximately 9,400 visitors at the BIG Little Science Centre. During the day in Kamloops Gord Stewart and John Leech spoke on B-100 FM radio and Radio NL on the AM band. They also appeared on the Midday Show on CFJC TV.

John Leech ASCT, CAE Wins BCIT Distinguished Alumni Award

John Leech, ASCT, CAE, Executive Director and Registrar of ASTTBC has been honoured by BCIT with receipt of the Distinguished Alumni Award for Lifetime Achievement. Receiving his award at a gala banquet held at the Four Seasons Hotel, September 17, John said *"I am truly honoured to receive the BCIT award for life-time achievement. Knowing that the nomination was submitted and supported by ASTTBC Presidents and other BCIT graduates makes it doubly meaningful for me. BCIT provided a strong foundation for my career. It has been a great partner with ASTTBC over my more than 3 decades of service with ASTTBC. BCIT is a great learning centre providing 'top-in-technology' education."* Leech went on to talk about his role on the BCIT Board of Governors and as President of the BCIT Alumni Association. John has been a big supporter of BCIT including being a regular donor to the BCIT Foundation.

Making Links On The Golf Links

On July 24 2008, eight ASTTBC members teed off with MLA's from northern BC in the annual Liberal Golf Tournament in Prince George. MLA's attending included Shirley Bond, Pat Bell, John Rustad and Denis McKay. Luke McDonald, ASCT; Jim Litzen, GradTech; Brook Boudrea, ASCT; Rob Fehr, ASCT; Randy Chencharik, GradTech; and Brian Brown, ASCT, joined ASTTBC Vice President Doug Carter, CTech and Public Representative on Council, Jim Blake, MBA, CA. *"The ASTTBC rally cap worked,"* says Jim Litzen, a Graduate Technologist with L&M Engineering Limited. *"Brook got an awesome bounce off a tree, or maybe it was the cart path. It was a great time!"*

Photo Contest For Festive Season

Deadline – November 1 2008

ASTTBC members and technical specialists and their families are invited to submit photographs for use with the Association's greeting for the 2008 festive season. The winning entry will receive a prize and photographer's credit. We are looking for a photograph that conveys a feeling of the festive season or the human spirit, or an image that represents British Columbia. Photographs must have been taken by the entrant, and where people or trademarks are visible, the winner will need to confirm that permission has been received for the photograph to be used. Decision of the judges is final. Email images to editor@asttbc.org between October 1 and November 1 2008. Good luck!

National Technology Week

November 3 – 8 2008... Get Involved!

National Technology Week is Canada's showcase of exciting career choices available in applied science and engineering technology. Held annually, it is a great way to interactively offer fun and informative resources to students, teachers and parents to explore technical careers. As well, it is a great opportunity to recognize the contribution that more than 50,000 certified technologists and technicians make to Canada's workforce. One of ASTTBC's major activities this year for National Technology Week will be to again partner with community newspapers to bring stories of BC 'Techs' to the forefront. If you'd like to get involved in activities in your community, or have a story you would like to share, please email Jason Jung, ASCT, Manager Technology Careers at jjung@asttbc.org.

The Government of British Columbia has offered its support by means of an Order In Council Proclaiming "November 3 to 7 inclusive as National Technology Week".

Here are some of the events to take in during the lead up and staging of National Technology Week:

- ASTTBC Awards & Recognition Celebration, October 25 2008, Vancouver. An evening of celebration, awards and music and a great opportunity to network with stakeholders in BC's science and technology community. ASTTBC's 50th Anniversary. www.asttbc.com
- BIG Little Science Centre Open House, October 25 2008, Kamloops. Attend a fun-filled day at the Bert Edwards Science & Technology School. www.biglittlesciencecentre.org/Open%20House.htm
- MISTIC Science, Technology & Innovation Awards, November 6 2008, Nanaimo. This gala highlights the achievements of individuals or businesses in twelve categories including the ASTTBC Leadership in Technology Award. ASTTBC members are encouraged to nominate deserving candidates (deadline for Call For Nominations deadline is October 3 2008) and to attend the gala. www.mistic.bc.ca/awards.asp

TechPRO - Priyan Jayetileke, CTech

Green Buildings and the 'greening' of the industry is a hot topic. Buildings in Whistler, site of the 2010 Olympic Winter Games alpine events, have to function in cold climes. The Four Seasons Resort & Spa in Whistler is one of North America's top year-round mountain resorts. With an outdoor pool, a spa and the hot water demand of a hotel, energy prices have a serious impact on operational expenses at this facility. In 2006, after doing considerable research, Priyan Jayetileke, CTech, Director Of Engineering for the Four Seasons in Vancouver and Whistler, implemented a

Sempa Power Hybrid Heating solution. The hybrid system provides a secondary method to produce heat energy in commercial facilities by integrating and managing customized electrical appliances in parallel to existing gas fired or steam systems. It has allowed the Four Seasons to tap electricity as a second source of energy to support the heating demand in the building. When low cost electricity is available, propane is displaced and economic and environmental savings are generated. The payoff? In the past year, the Four Seasons Whistler Resort cut annual energy costs by more than \$350,000 and reduced greenhouse gas emissions by 1120 tons. *"Before we made the decision, I thought it sounded too good to be true until I checked with other plant engineers and general managers who have used this approach,"* says Priyan Jayetileke. *"You'll definitely get your money back if you run it properly. I think it's the future of all new construction and properties."* The Four Seasons has now signed a half-million dollar contract with Sempa Power to install a system at the Vancouver hotel that will bring potential savings of another \$180,000 per year.

TechGREEN News

ASTTBC's mission is to serve the public by regulating and supporting technology professionals' commitment to a safe, healthy and sustainable society and environment. The TechGREEN column in ASTT e-News provides sustainability related information.

Electronic Waste Creates Environmental Challenge

More than 140,000 tonnes of computer equipment, phones, televisions, stereos and small home appliances accumulate in Canadian landfills each year according to Environment Canada. Many electronic products contain aluminum, ferrous metals and copper that could be recycled and toxic substances such as lead, cadmium and mercury that need special handling.

Reducing e-waste:

- Repair computers or appliances when possible
- Donate old equipment to a worthy cause
- Check if the manufacturer has a take-back program
- Ask retailers for information on how to recycle or dispose of products
- Get details on British Columbia's electronic recycling program.

Source: TD Insurance, ASTTBC's affinity partner for home insurance

TechLINKS

- **Clean Tech Funding Available**, Deadline – October 22 2008. Innovative technology that helps address climate change or that promotes clean water, land or air, is eligible for Sustainable Development Technology Canada funding. www.sdtc.ca/en/SOIinfo.htm
- **Technology Commercialization Training**. New online training is available for staff and inventors on the principles and strategies for successful technology commercialization. www.technologytransfertactics.com/content/wk/

Construction Safety Officer (CSO) News

Heather Davies, Safety Manager at Kinetic Construction in Victoria is a member of the CSO Certification Panel and a big part of all the new things happening at ASTTBC for the CSO Program. Heather says *"As ASTTBC celebrates 50 years of success, exciting things are happening within the CSO/TSC program. A panel of highly experienced construction safety professionals oversees the registration of all Construction Safety Officer (CSO) and Trades Safety Coordinator (TSC) into the program. We have developed a strategic plan, which has identified several objectives and a vision statement to keep us focused in the process. You can look forward to regular news updates so contact us through ASTTBC if there are specific articles or issues you would like to see in the newsletter. ASTTBC is again a major sponsor and supporter of the Construction Safety Symposium (formerly the Construction Safety Officer Conference), November 14 and 15 at the Best Western Richmond Inn. We look forward to seeing you all there."* Keep at eye on the ASTTBC web site www.asttbc.org for registration details. For more information you can email; Urvi@safetynetwork.bc.ca

Kelowna Roundtable on Technology Shortage – October 9, 2008

Okanagan College, The Okanagan Science and Technology Council (OSTEC) and ASTTBC are partnering on a consultation to draw attention to the technology skills shortage crisis and help define solutions. This fourth in a province wide series of roundtables, will see Okanagan College President Jim Hamilton, ASTTBC Executive Director and Registrar John Leech, ASCT, CAE, OSTEC Executive Director Douglas McLeod, and leaders from the technology sector, Chambers of Commerce, Economic Development, First Nations and School Districts learn of current initiatives and work together to develop a broad strategic approach that will ensure the capacity to deliver technology enterprise in the Okanagan. See www.asttbc.org for details.

Registered Technology Manager Designation – Ready for 2009

ASTTBC members will soon be able to apply for certification as a Registered Technology Manager (RTMgr). A Registered Technology Manager is a person who has met the required standards for certification and provides supervision and/or management within a technology environment. The ASTTBC Regulations define Criteria For Registered Technology Manager as; "A certified member who acquires a minimum of four (4) years experience or an equivalent combination of education and experience in supervision or management in an approved discipline..." There are many of our members who play a vital role in the management of technology and ASTTBC is responding to the need for these professionals to be recognized. Watch for coming news, as this program rolls out in early 2009. www.asttbc.org

Reminder...

- Do we have your current contact information? To change email, mail, phone and employer information, please login at www.asttbc.com/registration/contactupdate.php
- Haven't paid your dues yet? Time is running out to maintain your professional status. Please phone ASTTBC at 604-585-2788 or pay on-line at secure.asttbc.com/registration/dues/paydues1.php

OSTEC AGM Members Social

September 24, 2008 – Coast Capri Hotel in Kelowna.

AGM; 4:30 – 5:30 pm. Social; 5:50 – 7:00 pm. No charge for members.

Advance Registration Is Mandatory ~ Register on-line:

Contact OSTEC at www.ostec.ca/events.asp?event_id=109, admin@ostec.ca or 250-712-3344.

ASTTBC is an OSTEC member so here is an excellent opportunity to network within the technology environment.

ASTTBC Sponsor "Quiz Me"

ASTTBC is one of the sponsors of the QuizMe program being run on CKPG-TV in and around Prince George. ASTTBC's sponsorship is for the Science & Technology questions. QuizMe is for high school students ... a program like 'Reach for the Top'. The program will air 3 times a week and run until January 2009. As part of ASTTBC's sponsorship ASTTBC has developed a 30second advertisement, which was produced by CKPG TV, Prince George Division of the Jim Pattison Broadcast Group. See www.asttbc.com/careers/career_videos.php

City of Coquitlam – Enact Fire Protection Certification Bylaw

The City of Coquitlam has passed the Fire Prevention and Life Safety Amendment Bylaw No. 3929, 2008. In accordance with this bylaw, effective May 26, 2008, persons or agencies providing service for fire protection equipment in Coquitlam must ensure that all technicians performing inspection, testing or maintenance must be certified under the Applied Science Technologists and Technicians Act of BC or other recognized agency. A copy of the City of Coquitlam Fire Prevention and Life Safety Bylaw 3712, 2005 and its subsequent Amendment Bylaw No. 3929, 2008 can be found on the City of Coquitlam website at www.coquitlam.ca

Ken Christian, ASCT – Chair of the Board of Education, Kamloops

ASTTBC member Ken Christian, ASCT is seeking re-election for a sixth term on the Board of

Education. Currently the Board Chair, Christian says "I want to see the Board fulfill its expanded mandate and seriously address community literacy and address early child development and school readiness". Christian also expressed a new interest in pushing the government to fund the redevelopment of NorKam Secondary. "Trades and Technology are under serviced in our system and we need to address that."

Langara College – Real Estate and Property Management Programs

Langara College is featuring a series of courses related to Real Estate, property management and appraisals in the Fall 2008 program. Course are recognized by UBC, the Appraisal Institute of Canada, the Professional Association of Managing Agents and the Real Estate Institute of BC. www.langara.bc.ca/cs/

CCTT - National Achievement Award

CCTT are accepting nominations for the National Achievement Award, to recognize an individual technician or technologist affiliated with one of the Constituent Member Associations of the Canadian Council of Technicians and Technologists, for their achievements in one of the disciplines of certification in engineering or applied science technology recognized by the Council. www.cctt.ca. Look under Programs and Services / Core Programs / Awards and Scholarships.

500x50 - Watch for more information!

Its coming

TechEVENTS

- **Fixing Sales Compensation**, October 2, 2008. A one-day workshop designed to help fix structural problems in sales compensation that may be seriously reducing profits, or preventing you from achieving revenue goals. The workshop leader, David Cichelli, is an internationally recognized expert. The cost is \$595 for the first attendee from your company, 25% less for additional people. For more information www.learning4leaders.ca/courses
- **Wood WORKS! BC Sustainability Workshop**, October 10 2008, Vancouver; October 11, Surrey; October 12, Kelowna. Different ways of measuring the benefits of high performance structures; environmental attributes of engineered wood products; Green Globe Training. www.wood-works.org
- **Mine Safety: Risk, Reason & Regret**, October 15 - 17 2008, Vancouver. This workshop is intended for those in heavy industry who are interested in modeling safety behaviour or those who are responsible for ensuring compliance with generally accepted industry practices and legislation. www.regonline.com/Checkin.asp?EventId=183024
- **'Engineering in a Climate of Change' International Symposium**, October 16 2008, Toronto. Engineering innovators and practitioners will examine practical solutions for the mitigation and adaptation of climate change effects. The symposium will also be webcast. Hosted by the Ontario Society of Professional Engineers. www.ospe.on.ca
- **APEGBC Annual Conference and AGM**, October 16 - 18 2008, Kelowna. Celebrate accomplishments in the professions of engineering and geoscience; attend technical, corporate and professional workshops; participate in an extensive trade exhibition and numerous social events. www.apeg.bc.ca/ac2008
- **Kootenay Energy Conference**, October 17 - 18 2008, Castlegar, Current and future energy issues; renewal and alternate energy sources. Sponsored by Selkirk College, Fortis and Kootenay Association For Science & Technology. www.kast.com
- **Service Oriented Architecture**, October 18 2008, Vancouver. This seminar provides an introduction to Service Oriented Architecture concepts and key issues facing many organizations today. Learn how SOA addresses these issues, the technologies, and infrastructure elements that provide the foundation for modern enterprise systems. www.tech.ubc.ca/soa/index.html
- **HOT PROPERTIES @ Canadian Brownfields 2008**, October 22 - 24 2008, Toronto. This conference highlights remediation projects across the country that are raising the bar for sustainable community design, investment in the public realm and stimulating neighbourhood renewal. www.canadianbrownfields.ca
- **Fuelling the Economy of the Future**, October 24 2008, Penticton. High school graduates

entering post-secondary programs in science, engineering or technology is declining. This symposium, sponsored by ASTTBC, OSTEK and UBC Okanagan, will heighten awareness of science and engineering education, and build stronger connections within the K-PhD education system and industry. www.eplievents.com and www.ostec.ca

- **ASTTBC Awards & Recognition Celebration**, October 25 2008, Vancouver. An evening of celebration, awards and music and a great opportunity to network with stakeholders in BC's science and technology community. Coincides with ASTTBC's 50th Anniversary and with National Technology Week. www.asttbc.com
- **BIG Little Science Center Open House**, October 25 2008, Ka,loops. Attend a fun-filled day at the Bert Edwards Science & Technology School. www.biglittlesciencecentre.org/Open%20House.htm
- **VRCA Awards of Excellence Dinner**, October 30 2008, Vancouver. Celebrating excellence in construction. Sponsored by the Vancouver Regional Construction Association. www.vrca.bc.ca/awards.php
- **Software Teamwork**, November 4 – December 2 2008, Vancouver. For software managers, team leads, analysts and anyone involved in technical projects and teamwork. http://reg.cstudies.ubc.ca/session_info_2.cfm?sessionid=IE535%5D
- **Canadian Summit on the Mature Workforce**, November 5 2008 Calgary. The impact retiring baby boomers are having on organizations throughout the Western World and what to do about it. www.workplaceinstitute.org
- **MISTIC Science, Technology & Innovation Awards**, November 6 2008, Nanaimo. This gala highlights the achievements of individuals or businesses in twelve categories including the ASTTBC Leadership in Technology Award. ASTTBC members are encouraged to nominate deserving candidates (deadline for Call For Nominations deadline is October 3 2008) and to attend the gala. www.mistic.bc.ca/awards.asp
- **2008 Construction Safety Symposium**, November 14-15, Richmond. An opportunity for all construction safety professionals to take part in two days of training, displays, lectures and networking. Certificate training available on the 14th. See www.asttbc.org or email Urvi@safetynetwork.bc.ca
- **Regional Economic Leadership Forum**, November 20 - 21 2008, Whistler. Sponsored by the Pacific NorthWest Economic Region, this leadership forum will look at effective and relevant ways to promote greater opportunities for all citizens of the northwestern states and provinces. www.pnwer.org
- **WorldSkills Competition**, September 1- 6 2009, Calgary. More than 850 competitors from 48 countries will compete. The goal is to promote excellence in skilled trades and technologies training. www.worldskills.org
- **World Forestry Congress**, October 18 – 25 2009, Buenos Aires. Call for papers under the theme 'Forests in development – a vital balance'. www.wfc2009.org

Note: For links to seminars listed on the web sites of other associations, visit www.asttbc.com/services/cpd/seminars.php