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At this Holiday season, our thoughts turn gratefully to our members and partners who have made TDS' progress possible. Success, prosperity & happiness for the New Year !

The giants of U.S. homeland security came to Montréal...

TDS' Calendar:

January 3rd:

End of the Holidays for TDS' team.

January 11th:

Executive Committee meeting.

January 31st:

Matinee Science & Technology DRDC Valcartier themed «Active Underwater Imaging: Results and Perspectives».

January 31st - February 2nd:

TechNet West, "Swords and Diplomacy: How Do We Build the Right Military to Fight, Win and Influence?" in San Diego, CA.

An activity themed "Quebec-Virginia 2006 Security & Defence Technology Partnership" was held on December 5, 2006 at the Hyatt Regency in Montreal. It brought together several key players of the American homeland security among which **Boeing, Unisys, CACI International, General Dynamics C4 Systems and Olive, Edwards & Brinkmann.**

This seminar was an opportunity to become familiar with the vast domestic security industrial complex being set up in the U.S. and to learn more about current Department of Homeland Security (DHS) projects. This seminar was important because it allowed us to know what kind of technology solutions American contractors and system integrators are looking for, as well as to find out the procedures to position a Canadian company in this market.

The activity was a major source of exposure for Technopôle as Mr. Gilles Dupont, Business Development manager, held a conference to introduce TDS to those giants. As a result, some of these American companies recognized TDS' strategic positioning in the Defence & Security market. This conference was followed by discussions with some of these integrators concerning the integration of Canadian enterprises in their upcoming projects.

Furthermore, many individual meetings with TDS were requested by the participants. It was the perfect occasion to establish links with new innovative technologies suppliers from several fields: tactical communication systems, optic, biometry, wireless communication system, autonomous Sensor Networks, etc. Hopefully, these meetings will lead to new Technopôle's memberships.

Still looking for DSI 2007 sponsors

Many of TDS' members already confirmed their involvement in Defence Security Innovation 2007 through sponsorships. The organization committee, formed by DRDC Valcartier, Pôle Québec Chaudière-Appalaches and Technopôle Defence and Security, would like to thank you for your trust in this event, which couldn't be a success without your precious collaboration.

For those who didn't sign in yet, please note that it is still time to do so as we are still looking for financial partners. Despite the fact that TDS' members' exclusivity period has ended on December 15th and that other companies are solicited, you can still become a sponsor for this event.

As a reminder, here are the four types of sponsorships offered to you. Each of them will give you distinct privileges that will be detailed in the visibility plans.

| | | |
|---------|------|-----------|
| Platine | (1) | 20 000 \$ |
| Gold | (3) | 12 500 \$ |
| Silver | (5) | 7 500 \$ |
| Bronze | (10) | 2 500 \$ |

The visibility plans are available both in French and English and can be provided on request. Do not hesitate to contact Sonia Lebel at sonia.lebel@technopoleds.org or by calling (418) 844-2454 for any questions or further details. Grab this opportunity for your enterprise quickly!

28 M\$ for new projects against terrorism in Canada

Defence Research and Development Canada announced on December 11 a call for proposals under the federal government's CBRNE Research and Technology Initiative (CRTI). There will be up to \$28 million available for new projects.

The Program, administered through DRDC's new Centre for Security Science (DRDC CSS), is designed to enhance national security against terrorism through chemical, biological, radiological-nuclear and explosives (CBRNE) threats.

Proposals are sought from industry, academia, non-governmental organizations, and government institutions for all investment priorities in the following project categories:

- Technology Acceleration
- Research and Technology Development
- Technology Demonstration

Applicants must submit brief synopses of their proposals by January 18, 2007. For further information: www.crti.drdc-rddc.gc.ca.

Get ready for Photonics North 2007

Photonics North 2007 will take place in Ottawa from June 4th to June 7th and is expected to attract many of the leading companies and institutions involved in photonics in Canada and across the world.

Photonics North offers a unique opportunity to showcase your company or organisation's products and capabilities. If you want to exhibit at the show, now is the time to secure the best location on the floor as spaces are limited. You can register online at: <http://www.photonicsnorth.com>

For more information please contact Photonics North Exhibits Coordinator: Michel Walters at (418) 522-8182 or 1-800-618-8182

What's new with TDS' members?

Lyrtech reasserts its leadership

On December 7, 2006, Lyrtech launched the highly-anticipated Virtex-4 version of its best-selling SignalMaster Quad advanced development platform.



The SignalMaster Quad Virtex-4 cPCI development board, a significant improvement over the existing SignalMaster Quad Virtex-II board, is specifically designed to help develop and test DSP algorithms in real-time environments through its unique combination of FPGA and DSP devices. The 1-GHz fixed-point DSPs of the board are very efficiently interconnected to leverage the high-baseband, multichannel processing power of the TMS320C6416 DSP from Texas Instruments Incorporated. The SignalMaster Quad Virtex-4 is also designed around two clusters of one Virtex-4 LX FPGA and two C6416 DSPs, each cluster capable of delivering up to an impressive 16,000-MIPS/MMACS DSP processing power and 48-GMACS FPGA-based DSP processing power. This makes the SignalMaster Quad ideally suited to, for example, Wi-Fi and WiMAX applications, base station prototyping, and waveform development (e.g. software-defined radio with VHS-ADC/DAC boards).

“Lyrtech reasserts its leadership in digital signal processing with the SignalMaster Quad Virtex-4, a world-class development platform for hybrid DSP-FPGA designs,” says Benoit Fleury, Lyrtech’s Marketing Vice President. “Coupled with other complementary products from Lyrtech such as high-performance I/O and ADC/DAC modules, this powerful platform will offer endless possibilities to our customers in all regions of the world.”

Creaform honoured once again



Mr. Charles Mony, president of Creaform, was nominated finalist, for the month of November, for the "Rayonnement hors Quebec" award. This price is offered by the Quebec City Chamber of Commerce, in collaboration with Canada Economic Development, and will be attributed to the winner on April 27, 2006.

This first ceremony took place at the Château Frontenac during a lunch conference, organized by the Quebec City Chamber of Commerce. Durant that same day, Creaform won the Vision Trophy award, in the Emergence Company category.

This award exists since 1995 and has for objective to recognize those who, by the ways of their organization, their work and their realizations, distinguished themselves outside of Quebec. The Chamber of Commerce nominates one finalist per month, from September to February, during a dinner conference.

During 2006, Creaform has won many different awards and recognitions, and hopes to continue performing in the years to come. Congratulations!

A demonstration in Florida for Comlab

Comlab demonstrated its new Lab-Volt Training Systems (model 8096) at the Interservice/Industry Training, Simulation and Education Conference (I/ITSEC) held in Orlando, Florida. Visitors were impressed with their demonstration of the new Radar Training System along with the Electronic Warfare Jamming-Pod and Radar Cross Section Measurement System. Lab-Volt training systems are used by military organizations and schools worldwide to perform cost-effective, realistic hands-on technical training from basic concepts to advanced technologies.



CONFERENCES AND TRADESHOWS

Here is a list of interesting events in defence and security:

January 2007:

HOMSEC 2007, the 1st International Homeland Security Show, January 9th - 12th, 2007 in Madrid, Spain.
<http://www.homsec.es/>

2ND ANNUAL CBRN CONFERENCE: ADVANCING PREPAREDNESS, RESPONSE, AND DECONTAMINATION CAPABILITIES FOR CBRN THREATS, held on January 9th - 10th 2007 at the Sheraton Premiere at Tysons Corner, USA
<http://www.marcusevans.com/events/CFEventinfo.asp?EventID=11460>

EMERGENCY PREPAREDNESS AND SAFETY FOR MUNICIPALITIES, held on January 15th - 16th, 2007 at the Fairmont Château Laurier, Ottawa.
<http://www.conferenceboard.ca/conf/jan07/safety/overview.asp>

3RD ANNUAL DIRECTED ENERGY WARFARE themed "Protect Forces Through Lethal and Non- Lethal Directed Energy Weapon Systems ", held on January 16th - 18th, 2007 in Arlington, VA.
<http://www.marcusevans.com/events/CFEventinfo.asp?EventID=11343>

INTERSEC MIDDLE EAST, held on January 21st - 23rd, 2007 at the Dubai International Convention and Exhibition Centre, Dubai, UAE.
<http://www.intersecexpo.com/index.html>

NATIONAL SECURITY OUTLOOK (CADSI), held on January 24th, 2007 at the Ottawa Congress Center, Ottawa.
<http://www.cdia.ca/public/index.asp?action=events.Details&evtID={00329D6A-FF76-41DB-A374-17438F49F1C7}>

FUTURE MRO IN CIVIL AVIATION, held on January-29th - 30th, 2007 at the Hatton, London, U.K.
<http://www.smi-online.co.uk/events/overview.asp?is=1&ref=2510>

2ND ANNUAL SENSOR FUSION EUROPE, "Assuring accessibility of secure information for the warfighter ", held on January 29th - 31st, 2007 in Brussels, Belgium.
<http://www.marcusevans.com/events/CFEventinfo.asp?EventID=11587>

TechNet West 2007, "Swords and Diplomacy: How Do We Build the Right Military to Fight, Win, and Influence?" held on January 31st - February 2nd, 2007 in San Diego, USA.
<http://www.afcea.org/events/west/landing.asp>

MATINÉE SCIENCE & TECHNOLOGY, themed «Active Underwater Imaging: Results and Perspectives», held on January 31st, 2007 at the DRDC Valcartier.
http://www.valcartier.drdc-rddc.gc.ca/e/matinees_e.asp?lang=e&page=32

TECHNOPÔLE'S CURRENT MEMBERS

- ABB Analytical Solutions
- Analytics Systems
- Black Coral Inc.
- Cargolution
- Comlab Inc.
- Creaform 3D
- DMR Conseil (Fujitsu) Inc.
- Defence R&D Canada
- General Dynamics Canada
- Gentec Inc.
- Groupe CGI
- GTDS
- Laval University
- Lyrtech inc.
- MacDonald, Dettwiler & Assoc. (MDA)
- National Optic Institute (INO)
- Obzerv Technologies Inc.
- Oerlikon Contraves Canada
- OptoSecurity
- Pôle Québec Chaudière-Appalaches
- Quebec Photonic Network
- RoboMotio
- Seaquest Technologies
- SNC Technologies inc.
- Telops
- TeraXion
- Thales Systems Canada
- Urgence Consult
- Valcom Consulting
- Valcom Manufacturing
- Xeos Imagerie Inc.

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