

## ACAMP Seminar Series

ACAMP is proud to present the ACAMP Seminar Series, a series of quarterly technology commercialization events aimed at bringing together Alberta's innovation community. Designed, hosted, and launched in 2009 by ACAMP, this innovative seminar series covers the following market sectors: Cleantech, Health and Medical, Conventional Energy and Unmanned Vehicles.

ACAMP (Alberta Centre for Advanced MNT Products) is a not-for-profit organization that provides specialized business services to MNT clients including Marketing & Business Development, Product Development, and Packaging and Assembly.

### Seminar Focus: Emerging Pipeline Technologies

Emerging Pipeline Technologies are driven by the growth in energy delivery from new pipelines and older pipelines world wide. With an eye towards the need for the safest, most reliable and most efficient way possible to deliver energy, new opportunities incorporating sensors, remotely and autonomously controlled mechanical systems, passive and active monitoring systems, remote inspection, leak detection and pipeline protection are now becoming available.

*Sponsored by:*



## Emerging Pipeline Technologies Seminar

Monday, Sept 29, 2014 8 AM - 5 PM

Gasoline Alley Museum  
Heritage Park, 1900 Heritage Dr SW  
Calgary, AB T2V 2X3

Drinks & Appetizers Reception 5 - 6 PM

### ACAMP SEMINAR SERIES

Cleantech  
Health and Medical  
Conventional Energy  
Unmanned Vehicles

# Program Schedule

| Session                                                                                          | Time            | Name                             | Institution/Company                                                                                 | Position                                    | Focus                   | Presentation Title                                                           |
|--------------------------------------------------------------------------------------------------|-----------------|----------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------|-------------------------|------------------------------------------------------------------------------|
| <b>Registration &amp; Refreshments</b>                                                           | 8:00 AM         |                                  |                                                                                                     |                                             |                         |                                                                              |
| <b>Welcome and Introduction</b>                                                                  | 8:30            | Ken Brizel                       | ACAMP                                                                                               | CEO                                         | Welcome                 | Introduction                                                                 |
| <b>Market Opportunities</b>                                                                      | 8:45            | Daniel Choi                      | Lux Research                                                                                        | Analyst                                     | Market Opportunities    | Meeting the Needs of the Midstream Sector through Innovation                 |
| <b>Inspection</b><br><br><b>Session Chair:</b><br><b>Stephen Westwood</b><br>Baker Hughes        | 9:00            | Stephen Westwood / Joel Brunetti | Baker Hughes                                                                                        | Manager New Product Dev / Embedded Engineer | Inline Inspection       | Vectra Sensor7 - Redefining MFL Sensor Technology                            |
|                                                                                                  | 9:15            | Dave Russell                     | Russell NDE                                                                                         | President                                   | Condition Assessment    | Case Study of the In-line Inspection of a Raw Water Pipeline                 |
|                                                                                                  | 9:30            | Geoff Foreman                    | PII Pipeline solutions                                                                              | Senior ILI Technology Advisor               | Inline Inspection       | Latest Technology for Pipeline Inspection using Intelligent Pigs             |
|                                                                                                  | 9:45            | Jason Skow                       | C-FER Technologies                                                                                  | Manager Integrity & Operations              | Inspection Data         | New Ways to Interpret Inline Inspection Data                                 |
|                                                                                                  | 10:00           | Brian Gray                       | Spectrum NDT                                                                                        | VP of Advanced Services                     | Non Destructive Testing | Non-Metallic Inspection                                                      |
| <b>Refreshments</b>                                                                              | 10:15 AM        |                                  |                                                                                                     |                                             |                         |                                                                              |
| <b>Passive Technologies</b><br><br><b>Session Chair:</b><br><b>Chris O'Neill</b><br>ENBRIDGE     | 10:45           | Ray Philipenko                   | ENBRIDGE                                                                                            | Senior Manager, Leak Detection              | Leak Detection          | Leak Detection at Enbridge                                                   |
|                                                                                                  | 11:00           | John Hull                        | HiFi Engineering                                                                                    | CTO & Founder                               | Sensors                 | Fiber Optic Sensing for Leak Prevention, Detection, and Intrusion Monitoring |
|                                                                                                  | 11:15           | Barry Tuckwell                   | PIP360                                                                                              | CEO                                         | Monitoring              | Managing Pipe Remotely Using Remote Automatic Ultrasonic (AUT) Measurement   |
|                                                                                                  | 11:30           | Gordon Lair                      | Synodon                                                                                             | VP of Marketing                             | Aerial Survey           | RealSens(TM) Service Value Proposition                                       |
|                                                                                                  | 11:45           | Steve Myshak                     | ISIS Geomatics                                                                                      | CEO                                         | Aerial Mapping          | UAS Remote Sensing of Subsidence and GHG Gas Detection                       |
| <b>Catered Lunch</b>                                                                             | 12:00 - 1:30 PM |                                  |                                                                                                     |                                             |                         |                                                                              |
| <b>Exhibitor Displays</b>                                                                        | 12:00- 1:30 PM  |                                  | <b>Exhibitor Displays:</b>                                                                          |                                             |                         |                                                                              |
| <b>Active Technologies</b><br><br><b>Session Chair:</b><br><b>John Selby</b><br>Boreal Laser     | 1:30            | John Selby                       | Boreal Laser                                                                                        | VP Business Development                     | Monitoring              | Compact Laser Gas Detection for Unmanned Vehicle Platforms                   |
|                                                                                                  | 1:45            | Yonathan Dattner                 | Luxmux                                                                                              | President                                   | Monitoring              | Pipeline Steam Quality Monitoring for Thermally Enhanced Heavy Oil Recovery  |
|                                                                                                  | 2:00            | Steven Slupsky                   | Scanimetrix                                                                                         | President & CEO                             | Sensors                 | Pipeline Risk Management by Predicting Failures                              |
|                                                                                                  | 2:15            | Wael Badawy                      | IntelliView                                                                                         | President & Founder                         | Leak Detection          | Camera Based Leak Detection Systems: Regulatory and Technology               |
|                                                                                                  | 2:30            | Brandon Freeman                  | On-Ramp Wireless                                                                                    | VP Strategic Alliances                      | Monitoring              | Emerging Solutions for Hard-to-Reach Pipeline Monitoring                     |
|                                                                                                  | 2:45            | Walied Moussa                    | Nemsor Technologies                                                                                 | President                                   | Sensors                 | Toward a Silver Bullet Sensing Solution for Leak Detection of Pipelines      |
| <b>Refreshments</b>                                                                              | 3:00 PM         |                                  |                                                                                                     |                                             |                         |                                                                              |
| <b>Panel Discussion</b>                                                                          | 3:30 - 4:00 PM  |                                  | <b>Panel Discussion: Pipeline Technology Growth Areas</b>                                           |                                             |                         |                                                                              |
| <b>Protection</b><br><br><b>Session Chair:</b><br><b>Brian Wagg</b><br>C-FER Technologies / CPTC | 4:00            | Brian Wagg                       | C-FER Technologies / CPTC                                                                           | Director Business Development and Planning  | Industry Collaboration  | The Canadian Pipeline Technology Collaborative                               |
|                                                                                                  | 4:15            | Kyle Keith                       | TransCanada                                                                                         | Director, Materials Engineering             | Coatings                | A Perspective on Coatings from TransCanada                                   |
|                                                                                                  | 4:30            | Brett Darichuk                   | Alta Injection Molding                                                                              | General Manager                             | Shielding               | Pipeline Protection Systems                                                  |
|                                                                                                  | 4:45            | Gary Littlestar                  | SmartPipe                                                                                           | CEO                                         | Liner                   |                                                                              |
| <b>Reception</b>                                                                                 | 5:00 - 6:00 PM  |                                  | After the conclusion of the seminar, please join us for drinks and appetizers here at Heritage Park |                                             |                         |                                                                              |

**You can sign up to receive mailings on future seminars by ACAMP on our website or here at the reception desk. You may withdraw consent at any time.**