

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 high growth application and market opportunities.

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, Packaging & Assembly, Manufacturing, and Test & Characterization.

Seminar Focus: Unmanned Vehicles, Robotics & Intelligent Systems

The Unmanned Vehicles, Robotics & Intelligent Systems Industries are seeing significant growth in Alberta, Canada and all over the world. Innovative and creative applications of these technologies are continuously being developed.

Unmanned Vehicles, Robotics and Intelligent Systems are important for the growth of new opportunities in sensors, controlled mechanical systems, artificial intelligence and signal processing for autonomous applications in markets including Exploration Technologies, Intelligent Monitoring, Autonomous Systems, and Emerging Technologies.

These markets are quickly adopting Unmanned Vehicles / Robotics / Intelligent Systems to reduce costs, improve performance, and decrease risk to people performing these tasks.

This is an excellent opportunity for establishing new partnerships and to learn about new developments in the industry.

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Unmanned Vehicles, Robotics & Intelligent Systems SEMINAR

Wednesday, June 3, 2015

8:15 AM - 5 PM

Cardel Theatre

180 Quarry Park Boulevard SE

Calgary, AB T2C 3G3

Program Schedule

Session	Time	Name	Institution/Company	Position	Focus	Presentation Title
Registration & Refreshments	8:15 - 8:45 AM					
Welcome and Introduction	8:45	Ken Brizel	ACAMP	CEO	Welcome	Introduction
Market Opportunities	9:00	Maryanna Saenko	LUX Research	Research Analyst	Market Analysis	Smart Cars to Future Factories: How small companies can make big waves in automation
Exploration Technologies Session Chair: Maryanna Saenko	9:15	Doug Hunter	Lidar Systems	VP Systems R & D	Mapping	Bridging between Manned and Unmanned Flight: the Optionally Piloted Aircraft
	9:30	Mike Kaiser	Innovage Microsystems	President & CEO	Mapping	Optionally Piloted Aircraft and Aircraft Systems
	9:45	Levi Kuta	Alta Injection Mold	Manager of Engineering & Design	Product Development	Lightweight Engineered Polymers and Design Integration to Minimize Weight and Maximize Strength
	10:00	Dr. Ehud Sharlin	U of C	Associate Professor	Automation	Counting Electric Sheep: Human-Robot Interaction in a Nutshell
Refreshments	10:15 - 10:45 AM					
Intelligent Monitoring Session Chair: Mandy Dwight	10:45	Mandy Dwight	Rethink Robotics	National Sales, Research and Education Markets	Education and Research Markets, North America	Rethink Robotics: Meet the Smart, Collaborative Baxter
	11:00	Russ Duncan	Sky Hunter	President	Inspection	Pipeline Leak Detection
	11:15	Stephen Myshak	Ventus Geospatial	CEO	Inspection	Borealis Unmanned Aerial Gas Detection System
	11:30	Kyle MacDonald	Boreal Laser	Sales & Marketing Coord	Inspection	Boreal Laser GasFinderUAS
	11:45	Dr. Mohamed Elhabiby	Micro Engineering Tech Inc	VP	Navigation	Low Cost, Precise Navigation System for UAVs
Catered Lunch	12:00 - 1:15 PM					
Displays	12:00 - 1:15 PM		Exhibitor Displays			
Autonomous Systems Session Chair: David (Funky) Funkhouser	1:15	David Funkhouser	Insitu, a Boeing Company	Program Manager	Intelligent Systems	Decision-Making Superiority Delivered
	1:30	Andras Gyroffy	Mechatroniq	President & Founder	Ground Vehicles	Remote Monitoring with Redundancy Using Unmanned Vehicles
	1:45	Scott Sobieraj	CDL Lockheed	Systems Engineer	Software and Monitoring	Leading Software Engineering for Unmanned Vehicle Technologies
	2:00	Jeremy James	Cohort Systems	CEO	Ground Vehicles	Deployment of Ground Robots for Physical Security
	2:15	Erha Andika	MicroPilot	Business Development	Product Selection	High Reliability UAV Autopilot
	2:30	Shahab Moeini/ Wade Hawkins	SAIT	Professor/ Instructor	Construction	Application of the UAS for Construction Industry
Refreshments	2:45 - 3:15 PM					
Emerging Technologies Session Chair: Cameron Schuler	3:15	Cameron Schuler	Alberta Innovates Centre for Machine Learning	Executive Director	Intelligence	Adding Intelligence to Autonomous Systems
	3:30	Francis Yuen	Baseband Technologies	CEO	Navigation	Winning the UAV market with battery friendly GPS
	3:45	Jeremy McCalla	Elevated Robotic Systems	Business Dev. Manager	Inspection	The UAV Industry from a Service Providers Perspective
	4:00	Dr. Zahra Lari	U of C	PhD	Mapping	New Initiatives in UAV-Based Mobile Mapping Systems
	4:15	Robert Davies	SAIT	Researcher, PhD	Security	Unmanned Aircraft Networks
	4:30	Daniel Rea/ Johann Wentzel	U of Manitoba/ U of C	PhD Student/ Undergrad Student	Manufacturing/ Robotic Collaboration	Robotics in Manufacturing/ Working Alongside Baxter
Networking Session	5:00 - 6:00 PM		After the conclusion of the seminar, please join us for drinks and appetizers at: Original Joe's Restaurant (Quarry Park), 1009 - 163 Quarry Park Boulevard SE			

To ensure that you continue to receive seminar updates, please provide consent to receive mailings from ACAMP.

You can do this here at the reception desk or by responding to one of ACAMP's announcements that contain a consent link. You can withdraw consent at any time.