

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 services to micro and nano technology clients. We offer a wide range of services to private, technology-based medium size and start-up enterprises. Services include Product Development, Packaging & Assembly, Manufacturing, Testing & Characterization, and Marketing and Business Development.

Seminar Focus: Advanced Systems For Transportation

Autonomous systems for transportation are poised to offer a cleaner environment by significantly reducing pollution, improving traffic flow in congested areas, and optimizing real estate in urban communities. The industries and corporations that are involved in this field will shape the next innovation wave and will enable improved efficiency, productivity and economic growth.

Industry Insights

The transportation industry is moving quickly to develop and adopt autonomous systems. There are different levels of autonomy, starting from the driver in full vehicle control, all the way to zero involvement of the driver and the vehicle in full control:

Advanced driver assistance systems: Advanced driver assistance systems (ADAS) will automate vehicles for a safer and higher comfort driving experience.

Connected vehicles: The connected vehicle is a technology that localizes a vehicle to another vehicle, infrastructure or device to support safety, mobility and the environment.

Autonomous Drive: The autonomous drive is the ultimate goal where the vehicle of the future will be able to drive itself, requiring the vehicle be able to sense the surroundings and act, memorize and communicate everywhere.

Attend this seminar to learn about exciting new technologies and business models that contribute to informed decision making and management.

Sponsored by:



Advanced Systems For Transportation SEMINAR

Tuesday, October 25, 2016

8:30 AM - 5:00 PM

Cardel Theatre

180 Quarry Park Boulevard SE
Calgary, AB

Networking Session

5:00 PM - 6:00 PM

Original Joe's Restaurant

1009-163 Quarry Park Boulevard SE
Calgary, AB

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Program Schedule

Session	Time	Name	Institution/Company	Position	Presentation Title
Registration	8:00 - 8:30 AM Registration and Refreshments				
Welcome	8:30	Ken Brizel	ACAMP	CEO	Welcome and Introduction
Usage Cases Session Chair: <i>Ken Brizel</i>	9:00	Naheed Nenshi	City of Calgary	Mayor	Smart Cities
	9:15 - 10:00		Keynote #1: David Morse NASA, Chief, Technology Partnership Office		Developing Game Changing Technologies & Bringing Them Down to Earth
	10:00	Bodo Seifert	Magna	Director Advanced Engineering, Magna Electronics	How to Eat an Elephant: Process Approach to Autonomous Vehicle Development
	10:15	Pascal Ryffel	TappCar	Spokesperson	Driverless Vehicle for Hire: The Unique Challenges of Integrating Autonomous Technology into an Industry Centered on the Driver
Refreshments	10:30 - 11:00 AM Morning Refreshments				
Sensor Fusion Session Chair: <i>KPMG</i>	11:00 - 11:45		Keynote #2: Lumumba Mbekeani Harman, Senior Director of Infotainment Systems		Some Key Drivers of the Autonomous Car
	11:45	Jonathan Auld	NovAtel	Director, Safety Critical Systems	NovAtel: Corporate Presentation
	12:00	Gerry Darichuk	Alta Injection Molding	President	Advanced Designs for Plastics
Catered Lunch	12:15 - 1:15 PM Refreshments				
Sensor Fusion Session Chair: <i>KPMG</i>	1:15 - 2:00		Keynote #3: Uwe Voelzke ST Micro, Technical Marketing Manager		Semiconductor Technologies for Automotive
	2:00	Andy McGirr	Murandi	Technical Manager	An Ultra Energy Efficient Long Range Wireless Data Network
	2:15	Ralph Goddard	Dynamic Source Manufacturing	Business Development Manager	Improving Time to Market with Your Manufacturer's Help
	2:30	Marius Ghinescu	Alberta Innovates	Vice President Emerging Technologies	Autonomous Systems - Cyber Security Guidelines
Refreshments	2:45 - 3:15 PM Afternoon Refreshments				
Machine Learning/ Analytics Session Chair: <i>AMIII- Cameron Schuler</i>	3:15- 4:00		Keynote #4: Matt Jurjevich BYD, Director, Business Development - Canada		BYD and Advanced Transportation Systems
	4:00	Cameron Schuler	Alberta Machine Intelligence Institute	Executive Director	Machine Learning and Artificial Intelligence in Autonomous Systems
	4:15	Warren Gieck	GE Canada	Production Optimization Leader	GE Predix - Powering the Digital Industrial Revolution
	4:30	Joseph Hlady	Civil Maps	Head of Sales	Cognition for Cars
	4:45	Ken Brizel	ACAMP	CEO	Concluding Remarks
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.