

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 will cover the following four themes: Cleantech, Health and Medical, Conventional Energy and Agriculture and Forestry.

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.

Conventional Energy

Part of the ACAMP Seminar Series, the Conventional Energy technology seminar will focus on nano science and micro products that enhance operational performance, reduce costs and promote efficient extraction of oil and gas resources.



Conventional Energy SEMINAR

Thursday, March 11 2010

8 am – 5 pm

ESSO Auditorium Theatre

Calgary Zoo

1300 Zoo Road, N.E

Calgary, Alberta

ACAMP SEMINAR SERIES

Cleantech
Health and Medical
Conventional Energy
Agriculture and Forestry



Program Schedule

Session	Presentation Time	Name	Institution/Company	Position	Conventional Energy Focus	Presentation Title
Registration	8:00 AM					
Welcome and Introduction	8:30 AM	Ken Brizel	ACAMP	CEO	Market Opportunity	Micro and Nano technology and Systems Enabling New Opportunities in Conventional Energy
Technology (3-to-5 year timeframe for commercialization) Session Chair: Dr. Pedro Pereira, Alberta Ingenuity Centre for In Situ Energy, Director AICISE	8:45 AM	Dr. Maen Husein	University of Calgary	Professor	Nano Particle Microemulsions for Heavy Oil	Preparation of Different Nanoparticles In Heavy Oil Media
	9:00 AM	Dr. Subir Bhattacharjee	University of Alberta	Professor		Potential of Microfluidic Systems in Upstream and Downstream Emulsion Management During Heavy Oil Processing
	9:15 AM	Dr. Pedro Pereira	University of Calgary	Director – Alberta Ingenuity Centre for In Situ Energy	Nano Catalyst	NanoCatalyst for Heavy Oil
	9:30 AM	Dr. George Shimizu	University of Calgary	Professor – Chemistry	Nano Storage – H & CH ₂ & CO ₂	Nanosponges as new materials for gas storage and fuel cell membranes
	9:45 AM	Dr. Martin Mintchev	University of Calgary	Professor of Electrical Engineering	Fiberoptic Inertial Navigation	Design and testing of gyroscope based inertial navigation systems for horizontal drilling applications
BREAK	10:15 AM					
Applications (2-to3-year timeframe for commercialization) Session Chair: Kevin Yallup, ACAMP, CTO	10:30 AM	Doug Hunter	LiDAR Services International Inc.	VP Hardware Systems	Laser Sensors	LIDAR sensors
	10:45 AM	Graham McKinnon	Norcada	Founder	MEMS	Micromachining – methods and applications
	11:00 AM	Kevin Yallup	ACAMP	CTO	LTCC	Low Temperature Co-fire Ceramics PCB
	11:15 AM	Siamak Akhlaghi	Micralyne	Product Manager	Geophone MEMS	Geophone MEMS Developments
	11:30 AM	Sean Krakiwsky	Nanalysis	President	NMR	Developments in NMR
LUNCH	12:00 noon					
Companies (now to 2-year timeframe for commercialization) Session Chair: Dennis Seidlitz, ConocoPhillips, Manager – Arctic Technology Development	1:00 PM	Stephen Westwood	BJ Services	Manager Product Development	Sensors	Technology Needs for Pipeline Inspection
	1:15 PM	Bill Durtler	Microlynx Systems Ltd.	Vice President	RF	RF Technology in the Field
	1:30 PM	Mark Hartwell	Datacan	President	Sensors	Developments in Down Hole Sensors
	1:45 PM	Dennis Seidlitz	ConocoPhillips	Manager – Arctic Technology Development	Technology	Arctic Drilling & Development Cost Reduction & Technology Collaboration Opportunities"
	2:00 PM	Eric Hajduk	Universal Power Solutions Inc.	General Manager	High Temperature Power Supplies	Issues for Down Hole High Power Systems
BREAK	2:30 – 3:00 PM					
Financing & Regulatory Services Session Chair: Rosy Amlani, Western Economic Diversification Canada, Manager, Innovation & Technology Commercialization	3:00 PM	Allen Wellwork	CRA	Financial Review Manager	SH&ED	SR&ED Tax Incentive Program
	3:15 PM	Gary Bantle	BDC	Director, Venture Capital	Venture Capital	Early Stage Venture Capital for Technology Businesses
	3:30 PM	Dan Djukich	nanoAlberta	Director	Alberta Innovates	Alberta Innovates Information Resources
	3:45 PM	Rosy Amlani	Western Economic Diversification	Manager, Innovation & Technology Commercialization	Western Economic Diversification Canada	WD Program
	4:00 PM	Robert Faulder	NRC-IRAP		IRAP	IRAP Services to Technology Innovators