

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 four market sectors: 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.

MNT in Cleantech

The Cleantech technology seminar focuses on technology that incorporates diverse micro and nanotechnology to enhance operational performance, productivity, or efficiency, while also reducing costs, energy consumption, waste and pollution (a.k.a., negative ecological impact).



Exhibitor: The University of Calgary's Solar Car will be available for viewing all day

The focus for this year's seminar is advanced materials & alternative energy solutions including new materials for weight reduction and insulation, solar & wind power, fuel cells and energy storage.

Sign up for the seminar series at acamp.ca

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Cleantech SEMINAR

Focus: Advanced Materials & Alternative Energy Solutions

Wednesday, March 13, 2013, 8 AM-4:30 PM

Auditorium, AITF

250 Karl Clark Road, Edmonton, Alberta

Wine & Appetizer Reception, 4:30 - 6 PM

ACAMP SEMINAR SERIES

Cleantech
Health and Medical
Conventional Energy
Agriculture and Forestry

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Program Schedule

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Session	Time	Name	Institution/Company	Position	Cleantech Focus	Presentation Title	
Registration & Refreshments	8:00 AM						
Welcome and Introduction	8:30 AM	Ken Brizel	ACAMP	CEO	Welcome	Introduction	
Emerging Technologies (3- to 5-year timeframe for commercialization)	8:45 AM	Anthony Anyia	Alberta Innovates Tech Futures	Manager Bio Resource Technologies	Advanced Materials	Biomaterials Development Activities at AITF	
	9:00 AM	Ken Harris	NRC/Institute for Nanotechnology	Research Officer	Solar Cell Materials	Printable Solar Cells and the NINT Solar Energy Collaboration	
	9:15 AM	Ryan Tucker	University of Alberta	PhD candidate	Solar/Fuel Cell Materials	Nanostructured Electrodes: A Platform Technology for Energy Conversion	
Session Chair: Anthony Anyia	9:30 AM	Steve Bergens	University of Alberta	Professor	Fuel Cells	Catalysis for High Efficiency Fuel Cells	
	9:45 AM	Mico Madamesila	University of Calgary	Mech Eng Student	Solar Vehicles	Overview/History of the University of Calgary's Solar Car	
Refreshments	10:00 AM						
Applications (2- to 3-year timeframe for commercialization)	10:30 AM	Lori-Jo Graham	Alberta Biomaterials Development Centre	Client Manager	Advanced Materials	Alberta Biomaterials Development Centre: Program Overview	
	10:45 AM	Garth Likes	Syngar Technologies	President / CEO	BioFuels	Syngar Technologies: Fuelling the Future	
	11:00 AM	Peter Ruben	May-Ruben	Chairman	Energy Efficiency	BFE: Thermally Driven Heat Pump to Transform Economics of Thermal Energy	
	11:15 AM	Perry Toms	Steeper Energy	CEO	Waste to Energy	Biomass to Synthetic Crude Oil	
	Session Chair: Lori-Jo Graham	11:30 AM	Robert Baron	Lakeland College	Lead Centre for Sustainable Innovation	Energy Efficiency	Optimization of Multiple Integrated Renewable Energy Systems
		11:45 AM	Allan Chambers	Alberta Innovates Tech Futures	Principle Researcher	Emissions Reduction	CO2 Capture via Chemical Looping Combustion
CATERED LUNCH	12:00 - 1:15 PM						
TOUR	12:00 - 1:15 PM AITF NCC Nanocrystalline Cellulose Pilot Plant Tour						
Companies (now to 2-year timeframe for commercialization)	1:15 PM	Ariel Rak	Dow Chemical Canada	Market Development Manager	Advanced Materials/Clean Energy	Dow's Approach to External Technologies	
	1:30 PM	Dr. Tomoya Yamashiki	Azeala Technology Partners	Principal	Advanced Materials	Advanced Materials as Interface for Societies	
	1:45 PM	Rick Brommeland	Quantium Technologies	VP Business Development & General Manager	Advanced Materials	Quantium's Successful Coatings Systems from Advanced Materials Design	
	2:00 PM	Kaoru Yaegashi	i-BuC	President / CEO	Cleantech Case Study	How to Lead Excellent Technologies to Real Business; Silicon Valley Nanotech Venture Case Study	
	2:15 PM	Don Brick	Spartan Controls	Technical Specialist	Emission Reduction	NOx and Greenhouse Gas Emissions Reductions on Stationary Natural Gas Engines	
Refreshments	2:30 PM						
Financing (Funding opportunities)	3:00 PM	Karen Young	Alberta Innovates Tech Futures	Executive Director	Funding Programs	Supporting SME's and Entrepreneur	
	3:15 PM	James Chepyha	Chrysalix Ventures	VP of Investments	Venture Financing	What's up with Cleantech?	
	3:30 PM	Eric Schmadtke	Enertech Capital (Investors)	VP	Venture Capital and Corporate Venturing	Venture Capital and Corporate Venturing	
	Session Chair: Karen Young	3:45 PM	Frank Nolan	NSERC	Research & Innovation Development Officer	Funding Programs	Strategy for Partnerships and Innovation
		4:00 PM	Alecia Townley	Public Works – Service Canada	CICP Program Coordinator	Funding Programs	Canadian Innovation Commercialization Program
		4:15 PM	Yvan Champagne	BlueSource Canada	President	Carbon Offsets	The Value In Reducing Carbon: GHG Offsets and Funding Opportunities for Cleantech
Networking Session	4:30 - 6:00 PM	Please join us for a Wine and Appetizer reception at AITF					

COMING NEXT: Wave Conference, May 5 - 8, 2013. Fairmont Chateau Lake Louise