

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, Agriculture and Forestry, Health and Medical, and Traditional Energy.

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.

The Theory and the Technology Behind Cleantech

Cleantech, as defined by ACAMP, is any technology solution that incorporates diverse microsystems and nanotechnology-based science to enhance operational performance, productivity, or efficiency while significantly reducing costs, energy consumption, waste, or pollution (a.k.a., negative ecological impact).



Cleantech SEMINAR

Thursday, September 16, 2010

8 AM – 5 PM

Cardel Theatre

180 Quarry Park Blvd SE

Calgary, Alberta

ACAMP SEMINAR SERIES

Cleantech
Agriculture and Forestry
Health and Medical
Traditional Energy

Program Schedule

Session	Time	Name	Institution/Company	Position	Cleantech Focus	Presentation Title
Registration	8:00 AM					
Welcome and Introduction	8:20 AM	Ken Brizel	ACAMP	CEO	MNT in Cleantech	Cleantech Market Opportunities
Emerging Technologies (3 to 5-year timeframe for commercialization) Session Chair: Thomas Baumgartner, Associate Professor, University of Calgary	8:30 PM	Andrew Davidson	Cardel Homes	VP Development	Energy-Efficient and Environmentally-Friendly Homes	TBA
	8:45 AM	Dr. Thomas Baumgartner	University of Calgary	Associate Professor	Novel Smart Materials	Putting Phosphorus into Electronics – A New Direction For Organic Materials
	9:00 AM	Dr. George Shimizu	University of Calgary	Professor	CO ₂ Capture and Fuel Cells	New Materials for CO ₂ Capture and Hydrogen Fuel Cells
	9:15 AM	Dr. Curtis Berlinguette	University of Calgary	Assistant Professor	Solar Cells	Optimization of the Dye-Sensitized Solar Cell
	9:30 AM	Dr. Maen Husein	University of Calgary	Associate Professor	Nanoparticles	Preparation of Ultradispersed Metal Nanoparticles in Heavy Oil
	9:45 AM	Dr. Todd Sutherland	University of Calgary	Assistant Professor	Smart Molecules	Smart Molecules for a Bright Future – Exploiting Self-Assembly for Clean Technologies
BREAK	10:00 AM					
Applications (2 to 3-year timeframe for commercialization) Session Chair: Kevin Yallup, CTO ACAMP	10:30 AM	Kevin Yallup	ACAMP	CTO	MNT in Cleantech	ACAMP – Supporting the Development of Advanced MNT Products
	10:45 AM	Karan Kaler/Ravi Prakash	University of Calgary – University Technologies International	Professor/Graduate Student	Water Purification	Development of Droplet Based Surface Microfluidic Technology for Lab on a Chip Applications
	11:00 AM	Mark Fawcett	Symbiotic		Biodiesel	TBA
	11:15 AM	Dawn Heffernan	Town of Okotoks	Environment and Sustainability Coordinator	Clean Tech Initiatives	TBA
	11:30 AM	Graham McKinnon	Norcada	President	Lasers	Applications of Lasers on Clean Technology
LUNCH	12:00 Noon					
Companies (now to 2-year timeframe for commercialization) Session Chair: Hamish Adam, President and CEO, Boreal Laser	1:00 PM	Hamish Adam	Boreal Laser	President and CEO	Laser Detection Technology	Verification of Clean Technology Projects Using Laser Gas Detection
	1:15 PM	David Day	Morphic Envirotech Inc.		Air Purification	Advances in Air Purification
	1:30 PM	Bill Gross	Cymbet Corp.	Western Region Sales Manager	Energy Chip	Cymbet Corporation – Solid State Energy Storage Devices for Micropower Applications
	1:45 PM	Gordon Lair	Synodon	VP Sales	Detection Technology	Management of Aging Pipeline Infrastructure: Newly Patented Leak Detection Technology to Proactively Verify Line Integrity and Meet Regulatory Requirements
	2:00 PM	Peter Ruben	May-Ruben Technologies	Chairman	Energy Efficient Technologies	TBA
BREAK	2:30 PM					
Financing (Funding opportunities) Session Chair: Chris Erickson, Founder, Pangaea Ventures	3:00 PM	Chris Erickson	Pangaea	Founder	Venture Financing	Pangaea
	3:15 PM	Twyla Legault	IRAP	Industry Technology Advisor	IRAP	The NRC Industrial Research Assistance Program (IRAP)
	3:30 PM	Kirk Washington	Yaletown Ventures	General Partner	Yaletown Ventures	Yaletown
	3:45 PM	Reid McDougall	SDTC	Manager, Applications	SDTC	SD Tech Fund
	4:00 PM	Rebecca Giffen	Alberta Enterprise Corporation	Director, Investments	Alberta Enterprise Corporation	Alberta Enterprise Corporation
	4:15 PM	Tony Van Bommel	BDC	Managing Director, Venture Capital	BDC	BDC