

## 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.

### MNT in Agriculture and Forestry

The Agriculture and Forestry sector, as defined by ACAMP, incorporates innovative micro and nano technology solutions to enhance productivity, efficiency and sustainability in this sector. Applications of microsystem and nanotechnology advances in agriculture/forestry include but are not limited to agricultural and forest products processing, smart-farming, food safety, food preservation, packaging, quality assurance, new materials, by-product utilization and environmental safety.



## Agriculture and Forestry SEMINAR

Monday, June 21, 2010

8 AM-5 PM

Alberta Research Council Auditorium  
250 Karl Clark Road  
Edmonton, Alberta, Canada

### ACAMP SEMINAR SERIES

Cleantech  
Health and Medical  
Conventional Energy  
Agriculture and Forestry

## Program Schedule

Session	Presentation Time	Name	Institution/Company	Position	Agriculture-Forestry Focus	Presentation Title
<b>Registration</b>	8:00 AM					
<b>Welcome and Introduction</b>	8:30 AM	Ken Brizel	ACAMP	CEO	Market Opportunity	Micro and nano technology and systems enabling new opportunities in agriculture and forest industries
<b>Pre-Development Technology Session</b> Session Chair: Dr. Yaman Boluk	8:45 AM	Yaman Boluk	University of Alberta	Professor, Nanofibre Chair	Nanofibre	Nanocellulose Fibres
	9:00 AM	Lingyun Chen	University of Alberta	Asst. Professor	Food Technology - Nutraceuticals	Protein based nanoparticles for nutraceutical/drug delivery.
	9:15 AM	Marleny Aranda-Saldana	University of Alberta	Asst. Professor	Food Technology	Food/Bio Engineering and Processing
	9:30 AM	Wayne Wasylciw	Forest Products Testing Laboratory	Technical Director	Forestry - Agricultural by-products	Advanced wood products from agricultural by-products
	9:45 AM	Janice Cooke	University of Alberta	Asst. Professor	Forestry - Genomics	Applications of Genomics in Forestry
<b>BREAK</b>	10:15 AM					
<b>Applications</b> (2 to 3-year timeframe for commercialization) Session Chair: Kevin Yallup	10:30 AM	Kevin Yallup	ACAMP	CTO	MNT	ACAMP - Supporting the Development of Advanced MNT Products
	10:45 AM	Mike Mabey	ATI Inc.	President	Agriculture - By-products	Fiber reinforced, structural insulating mineral foam.
	11:00 AM	Rajan Gupta	Scimed Technologies	Director of Marketing and Business Dev.	Agriculture - Diagnostics	Miniaturizing ELISA-based diagnostic tools
	11:15 AM	Neil Helfrich	Wandering Shepherd	CEO	Agriculture - Livestock	Full Movement Livestock Traceability; Protecting the Food Supply Chain
	11:30 AM	Hoon Sunwoo	IGY Incorporated	Lead Scientist	Agriculture	IgY Technology and its Applications from Farm to Market
<b>LUNCH</b>	12:00 noon					
<b>Companies</b> (now to 2-year timeframe for commercialization) Session Chair: John Murphy	1:00 PM	John Murphy	D-TEX	CEO	Agriculture - Diagnostics	Food Safety
	1:15 PM	Tam Tekle	Tekle Technical Services Inc.	CEO	Agriculture - Agricultural by-products	A-FOR (agro-forestry) Composites-Technology Development & Commercialization
	1:30 PM	Brent Rabik	ALPAC	Director of Corporate Planning	Forestry	Nanocrystalline Cellulose Fibre
	1:45 PM	Sheri Strydhorst	Alberta Pulse Growers	Executive Director	Agriculture - Pulse Crop	Commercialization of pulse food research: getting pulse food products into the marketplace.
	2:00 PM	Dalibor Houdek	FPIInnovations	Group Leader, FPIInnovations - Alberta	Forestry - Wood products	Wood product innovations.
<b>BREAK</b>	2:30 – 3:00 PM					
<b>Financing Session Chair:</b> Darrell Toma	3:00 PM	Patty Piironen	Town of Drayton Valley	Bio-Mile Coordinator	Fundings and Programs	Bio-Mile
	3:15 PM	Armand Lavoie	Foragen Technologies Management Inc.	Managing Director	Venture Financing	Foragen Technologies Management Inc.
	3:30 PM	Kashmir Gill	IRAP	Director, IRAP West	Government Funding	IRAP
	3:45 PM	Cory Rybuck	Agriculture and Food Council of Alberta	General Manager	Fundings and Programs	Canadian Agricultural Adaptation Program
	4:00 PM	Normand Therrien	Farm Credit Canada	Relationship Manager - Alberta	Financing	Farm Credit Canada
	4:15 PM	Ross Bricker	AVAC	President & CEO	Venture Financing	AVAC