



2013 Biorefining Conversions Network Annual Strategic Retreat Breaking Ground in Alberta's Bioindustry

November 5-7, 2013 • Rimrock Resort • Banff, Alberta • Canada

On behalf of Dr. David Bressler, Executive Director of the Biorefining Conversions Network, we are pleased to extend our invitation for you to join us for BCN's 2013 Annual Strategic Retreat, "Breaking Ground in Alberta's Bioindustry", to be held November 5-7 2013 at the Rimrock Resort (Banff, AB) in the heart of the Canadian Rockies.



This year's event brings together international and regional leaders from industry, finance, academia, and government to share insights on the current state and future prospects of Alberta's bioindustrial sector. Today, over 2000 companies in the US and Canada manufacture or distribute over 20,000 biobased products. OECD and the World Economic Forum expect the bioindustrial and sustainable-chemical industries to exceed \$1 trillion worldwide by the end of the decade. These emerging global bioindustrial markets are well-aligned with economic opportunities and business needs of Alberta's resource-based industry (RBI) sectors which drive over 60% of provincial GDP.

We believe that bringing all stakeholders together will help define compelling commercial opportunities, critical issues and obstacles facing Alberta's industries, and will stimulate important precompetitive research and strategic initiatives vital for the success of the sector. This year's program addresses four themes, each featuring invited presentations from international and regional leaders. Presenters will highlight value-added products and enhanced environmental performance that cross the blurring interfaces between forestry, agriculture, energy, petrochemicals, mining, environmental engineering and bioindustrial technologies. Other participants will profile BCN's unique industrial-academic collaborations that are addressing current industry needs and building on the potential for bioindustrial development in Alberta. Attendees from across Western Canada's resource-based industries, global & emerging technology companies, and major investment firms will engage with one another and with research experts and policy stakeholders, forging new strategic relationships in the breathtaking surroundings of Banff's mountain splendour.

We look forward to welcoming you to Banff.



BCN BIOREFINING
CONVERSIONS
NETWORK
CHANGING THE NATURE OF BIOMASS



Alberta
Innovates
Bio
Solutions

Please visit our website for registration & additional information bcn.ualberta.ca or call us at (780) 492-5685



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Tuesday, November 5, 2013

6.00pm – 9.00pm Event Registration (Box Office outside the Wildrose Room)
7.00pm – 9.00pm Welcome & Poster Reception (Wildrose Room)

Wednesday, November 6, 2013

7.30am – 8.30am Breakfast (Hawthorne Room)
8.30am – 9.00am Welcome & Opening Remarks

9.00am – 12.00pm **SESSION 1: What's In Store for the Renewable Energy Sector?**
Global Market Dynamics & Financing Realities
ENERGY BREAK 10.00am – 10.30am

Doug Cameron

Co-President & Director, First Green Partners

Don Roberts

President & CEO, Nawitka Capital Advisors Ltd

Jagdeep Bachher

Deputy Chief Investment Officer, Alberta Investment Management

Doris de Guzman

Business Manager, Tecnon OrbiChem

12.00pm – 12.30pm Buffet Lunch (Hawthorne Room)

12.30pm – 3.30pm **Mountain Break/Free Time** 

3.30pm – 6.00pm **SESSION 2: Parts, Pathways, Performance:**
Industrial Biotechnology in Alberta's Resource Sectors
ENERGY BREAK 4.30PM – 5.00PM

Laurel Harmon, Lanza Tech

VP Government Relations

Gerardo Benitez, Intrexon

Director

Cesar Rodriguez, Autodesk

Senior Research Scientist

Peter Facchini, University of Calgary, Dept. Biological Sciences

Professor

6.30pm - 9.30pm **Western BBQ at Brewster's Mountain BBQ**

**Bus transportation will be provided*



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Thursday, November 7, 2013

7.30am – 8.30am Breakfast (Hawthorne Room)

8.45am – 11.45am

SESSION 3: Innovative Industry & Academic Partnerships:

BCN Researchers and Alberta's Forest Industry Partners

Explore Value-Added Solutions

ENERGY BREAK & POSTERS 10.00am – 10.30am

Amit Kumar, University of Alberta, Mechanical Engineering

Associate Professor

Cenovus Energy Endowed Chair in Environmental Engineering

NSERC/Cenovus/Alberta Innovates Associate Industrial Research Chair
in Energy and Environmental Systems Engineering,

Ted Wenger, US Department of Agriculture Forest Service

Assistant Director, Forest Products Laboratory

Jamie Percy, Alberta-Pacific Forest Industries Inc.

Process Engineer

Michael Morgan, Weyerhaeuser

Daishowa – Mubareni (Invited)

11.45am – 1.15pm

Lunch & Graduate Student Competition (Hawthorne Room)

1.15pm – 4.00pm

SESSION 4: It's Not Just About Bio:

Chemistry Platforms for Advanced Bioproducts

ENERGY BREAK 2.30pm – 3.00pm

Tim Kapsner, AVEDA (Part of Estee Lauder Companies)

Senior Research Scientist/Green Chemistry Projects

Carlo Montemagno, National Institute for Technology

Scientific Director

Peter Seidl, Federal University of Rio de Janeiro, School of Chemistry,

Professor

Patrick Foley, P2 Science

Chief Scientific Officer

Michael Serpe University of Alberta, Dept. of Chemistry

Assistant Professor

4.00pm-4.30pm

Wrap-up and Closing Remarks

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