



GREAT LAKES SECTION

Presents:

Expanding the BioEconomy

“Thinking outside the barrel”



DeVos Convention Center
Grand Rapids, Michigan
May 15, 2007

Co-Sponsored by:



MICHIGAN STATE
UNIVERSITY



Seminar Description

The 2007 Forest Products Society Great Lakes Section Spring Seminar is showing the way for what the future demands have in store for forest products industry. The future of wood products is rapidly changing in our global economy. This event will highlight the recent innovations in utilizing wood for alternative forms of energy. Leaders in this field will share their findings and insights into this exciting opportunity. Please join us for this highly educational and anticipated event titled: *Expanding the Bioeconomy: “Thinking Outside the Barrel”* at the DeVos Convention Center, Grand Rapids, Michigan, May 15th 2007.

For technical information about the seminar, contact:

Anthony Weatherspoon, Forest Products Technical Services Specialist, Michigan DNR, **Phone:** 517.335.3332
Email: weathera@michigan.gov

Visit the FPS website at:
<http://www.fpsgreatlakes.org>

Supporting the Strategic Goal of

Expanding Michigan’s Role in the New Bioeconomy as Stated below

“Our Goal:

To accelerate the growth of Michigan’s bioeconomy and capitalize on Michigan’s potential to lead this nationally emerging economic sector:

- *Connecting our strong agricultural, forestry, and natural resource sector with our extensive industrial and manufacturing sector to advance a new, sustainable biobased sector,*
- *Producing the new bio-based products, processes, and jobs that meet the growing market demand and environmental imperative for renewable, easily recyclable sources of materials, chemicals, and energy”*

Lou Anna K. Simon, President
Michigan State University
January 10, 2006

Seminar Speakers



Jim Bowyer: Jim Bowyer has more than 30 years of experience in natural resources and forestry-related teaching and research. He is currently Scientific Advisor to the Temperate Forest Foundation, and Vice-President of the Consortium for Research on Renewable Industrial Materials.

Robert Craig, Business Development, Michigan Department of Agriculture



Bruce Dale, Director of BCRL: The mission of the Biomass Conversion Research Laboratory at Michigan State University is to develop cost effective means of generating fuels, chemicals, materials, foods and feeds from renewable plant biomass.

Martin F. Dober, Sector Development Manager, Alternative Energy, MDEC

Mark H. Hansen, USDA Forest Service, Northern Research Station, St. Paul, MN 55108

Steve Hicks, President of the Michigan Forest Products Council



Daniel E. Keathley: Professor and Chair, Department of Forestry, Michigan State University.

Tom Stanton, Michigan Public Service Commission

Tim Volk, Program Director of the Willow Program at the Department of Environmental Science and Forestry, State University of New York, Syracuse.



Larry P. Walker, Director of the Northeast Sun Grant Institute of Excellence, Cornell University works on projects at the interface between engineering and the life sciences to integrate industrial and environmental biotechnology activities into the cause of global sustainable economic development.

John Zerbe, S&PF Technology Market Unit, Forest Products Laboratory, USDA Forest Service

Event Location

DeVos Place® is a beautiful, modern state-of-the-art convention center located in the heart of downtown Grand Rapids.



DeVos Place
303 Monroe
Grand Rapids, MI 49503
Phone: 616-742-6500

<http://www.grandcenter.com/index.asp>

Lodging

A block of rooms has been reserved at the Courtyard for conference attendees at the special rate of **\$114.00 for Monday, May 14th. The deadline to receive this special rate is April 14, 2007.** Make reference to the **Forest Products Society** when booking a reservation.

Courtyard by Marriott is located adjacent to the DeVos:

Courtyard by Marriott downtown
11 Monroe Ave. NW
Grand Rapids, MI 49503
Ph. 616-242-6000 or 800-321-2211

Another lodging option

Days Inn is located two blocks from DeVos Place, with rooms for **\$76.50 and up.**

Days Inn
310 Pearl St. NW/I-196
Grand Rapids, MI 49504
Ph. 616-235-7611

<http://www.fpsgreatlakes.org>

Chair: Bill Adams, Select Millwork Co.,
Phone: 269-349-7841, Fax: 269-349-5190,
e-mail: selectmillwork@selectmillwork.com

Meeting Agenda

- 7:30 am Registration, coffee and pastries**
- 8:15-8:30 Welcome Address**
Carol Lewis, Executive Vice President Forest Products Society
- 8:30- 9:00 What is Michigan's Biomass Inventory**
Dr. Mark Hansen, USDA/FS Northern Research Station
- 9:00-9:30 Think Outside The Barrel**
Robert Craig, Business Development, Michigan Department of Agriculture
- 9:30-10:00 Energy from Wood**
John Zerbe, Forest Products Laboratory, Madison Wisconsin
- 10:00-10:15 Coffee Break**
- 10:15-10:50 Renewable Energy from Michigan's Forest**
Dr. Daniel Keathley, Department of Forestry, Mich. State Univ.
- 10:50-11:25 Renewable Energy from Willow**
Dr. Tom Volk, Willow Biomass program at Environmental science and Forestry- State University of NY
- 11:25-12:00 Forest Products: Expanding The Bioeconomy**
Steve Hicks, Michigan Forest Products Council
- 12:00-1:00 Lunch**
- 1:00-1:30 Economic Incentives to Advance Cellulosic Biofuels in Michigan**
Martin F. Dober, Sector Development Manager - Alternative Energy - MEDC
- 1:30-2:00 Bioenergy Resources in Michigan's 21st Century Energy Plan**
Tom Stanton, Michigan Public Service Commission
- 2:00-2:30 "Manhattan Project" For energy in Biofuels**
Dr. Larry Walker, Director of the Northeast Sun Grant Institute of Excellence, Cornell University
- 2:30-3:00 Michigan State University Energy Cluster**
Dr. Bruce Dale, Biomass Conversion Research Laboratory, Michigan State University
- 3:00-3:15 Coffee break**
- 3:15-3:45 Life Cycle Assessment of Wood For Energy**
Dr. Jim Boyer, Vice-President of the Consortium for Research on Renewable Industrial Materials
- 3:45-5:00 Roundtable Discussions**

Deriving value from woody biomass: Success stories in woody biomass utilization

Panelists: **David Stephenson**, President AJD Forest Products, Grayling, MI
Peter C. Madden, Senior Resource Manager, Plum Creek, Escanaba, MI
Willie Beattie, Environmental Specialist, Herman Miller, Zeeland, MI
Ted Barrett, Genesee Power Plant, Flint, MI

Each panelist will make a five minute presentation of his case study. This will be followed by an opened discussion on supply, users and issues related to woody biomass utilization.

Registration Form

Name: _____

Address: _____

Phone: (____) _____

Fax: (____) _____

Email: _____

Enclosed check payment (US \$) _____

Bill my credit card

MasterCard Visa Discover AMEX

Card # _____ Exp ____/____

Name on Card _____

Registration Fees

FPS Members.....\$135.00

Nonmembers..... \$210.00

Student.....\$ 35.00

FPS Membership & Registration.....\$245.00

Make checks payable to:
FPS Great Lakes Section

Return registration
and payment to:

FPS Great Lakes Section

Alan Applegate

Paladin Industries Inc.

4990 W. Greenbrooke S. E.

Grand Rapids, Michigan 49512

Phone: 616-698-7495

Email: alanapplegate@paladinind.com