

Name \_\_\_\_\_

Address \_\_\_\_\_

Organization \_\_\_\_\_

Phone \_\_\_\_\_ Email \_\_\_\_\_

SAF Member:    \_\_\_\_\_ \$80.00       \_\_\_\_\_ \$70.00 w/o Banquet    Please Pre-register For:

Non-members:  \_\_\_\_\_ \$90.00       \_\_\_\_\_ \$80.00 w/o Banquet     Wednesday Afternoon Tour

Students:       \_\_\_\_\_ \$25.00       \_\_\_\_\_ \$15.00 w/o Banquet    Thursday Morning Tour

**\$10.00 Late Registration – Deadline 2 May**  
*Make Checks Payable to "Michigan SAF". Mail to: John Hamel, 3735 CR 456, Skandia, MI 49855*

## AGENDA

### TUESDAY - 8 MAY 2007

- 10:30 Keynote / Introduction  
*-Kris Berglund, Michigan State University*
- 11:30-1:00 Lunch & Chapter Meetings
- 1:00 Supply of woody biofeedstocks in Michigan  
*-Anthony Weatherspoon, Michigan DNR*
- 1:50 Turning Biomass into Bio-energy Products  
*-Mark Knaebe, USFS Forest Products Lab*
- Break (2:40 pm – 3:10 pm)
- 3:10 Economics and Policy Considerations  
*-Ken Skog, USFS Forest Products Lab*
- 4:00 Panel discussion (4:00 pm-5:00 pm)
- 5:30 Social Hour - *The Danforth Place*
- 6:30 Dinner, State Meeting, and Raffle - *The Danforth Place*

***Final program and tours subject to change.***

### WEDNESDAY – 9 MAY 2007

- 8:00 Forest Management Implications – Environmental Impacts  
*-Dick Rossman, Minnesota DNR*
- 8:50 Forest Management Implications –Silvicultural Practices  
*-Dan Buchman, Natural Resources Research Institute, University of Minnesota*
- Break (9:40 am – 10:10 am)
- 10:10-12:00 Case Studies (tentative list)
1. Laurentian Energy: electricity & heat from wood
  2. Mascoma: Rochester, NY experience: ethanol from wood
  3. Bio Trend Systems: Bio-oil manufacture in Ontario
  4. Messersmith system DVD presentation – Larry Klope
  5. Flambeau River Biorefinery, Park Falls, Butch Johnson
- Lunch – on the bus
- 12:00-5:00 Field Tours (tentative list)
1. Brian Nelson's field chipping and slash bundler operation
  2. NewPage mill – highlighting wood energy conversion & waste stream energy product possibilities
  3. Energy plantations @ UPTIC (poplar, willow, switchgrass)
  4. Ag Solution's biodiesel plant

### THURSDAY 10 MAY 2007

- 8:00-??? Field Tours (tentative list)
1. Messersmith industrial biomass combustion systems
  2. Vulcan Wood Products pellet mill in Kingsford
  3. L.P. OSB Mill, Sagola, MI
  4. North Dickinson Schools wood boiler

# EMERGING TECHNOLOGIES IN WOODY BIOMASS USE

New Perceptions of a Familiar Resource



Sponsored by  
**The Michigan Society of American Foresters**

**8-10 May, 2007**

**Escanaba, Michigan**

*Bay de Noc Community College*

**This conference examines energy issues in a wide context in order to better frame what might be done in Michigan. Presentations are designed to clarify and define some of the biomass utilization technologies and their current status. Importantly, considerations will be offered in how traditional forestry might be affected and what cautions we might expect from new ways of doing business.**

**Contact: Ray Miller or Bill Cook at 906-786-1575 or Don Howlett at 906-786-4062**

## CHAPTER AND BUSINESS MEETINGS, 8 MAY 2007

### Monday Evening, 7 May

SAF Executive Team  
Don Howlett's house  
6:00 dinner, 7:00 meeting  
7766 Summit 19.5 Drive  
Gladstone, 49837 (on the bluff)  
RSVP to Don by 4 May  
dhowlett@fs.fed.us  
906-786-4062

### Tuesday, 8 May

Check-in table opens at 9:30  
SAF UP and LP Chapter meetings, during lunch  
SAF State Business meeting, after supper

Tuesday and Wednesday  
lunch is provided.



### MEETING ACCOMMODATIONS

Super 8 786-1000 (block of rooms reserved through ~1 May)

### DANFORTH PLACE

Tuesday evening social hour and banquet will be held at the Danforth Place, not at the College. From the College, turn right onto Danforth Road (west), pass through the stoplights, Danforth Road curves to the northwest, and goes up a big hill. The Danforth Place is just past the top of the hill, on the left. There is a large sign that will welcome the SAF. It's about two miles from the College.

**Directions to Bay de Noc Community College – Heirman Center:** On the north side of Escanaba, just west of Highway 2/41. Turn west at the stoplights where Danforth Road intersects the highway. Bay College will be immediately to the right. Heirman Center is the large glass structure. From the west, turn north at the 30<sup>th</sup> Avenue stoplights (just east of OSF Hospital), and then turn right at the next stoplights. Bay College will be on the left. [www.baydenoc.cc.mi.us](http://www.baydenoc.cc.mi.us)