



ESPRA 2005 Fall Meeting

October 25, 26, & 27, 2005

SUNY College of Environmental Science and Forestry

[ESPRA Registration Form and Brochure](#)



ESPRA Registration includes: Materials, Access to sessions, Continental Breakfast and Lunch on *Wednesday and Thursday*. *It also includes* a Reception followed by dinner at Justin's Grill Restaurant ([Dinner Choice Form](#)) on *Wednesday*. *Please return the Dinner Choice form so your choices can be provided to the restaurant.*

No Webcast will be provided.

Preliminary Agenda: **Wyndham Syracuse Hotels and Resorts**

Day	Time	Activity	Room(s)
Tuesday Oct. 25	6:00 - 9:00 pm	Board of Directors Meeting	Basin Room
Wednesday Oct. 26	8:00 - 8:30 am	On-site registration and Continental Breakfast	Registration Table, Lobby
	8:30-10 am	BioRefinery Comparison of commercial Pulping on Hot Water Extracted sugar Maple Chips Kinetics of Extraction of Components from Wood-Modeling Issues Extraction of Hemicellulose Form Wood prior to Pulping Biodiesel from Crude Tall Oil	Basin Room
	10:00-10:30 am	Break	Basin Room
	10:30-12:00 pm	Pulping and Bleaching A project update on the reactivity of lignin-carbohydrate complex An Update on DP Bleaching Chemistry An Update on Bleached Hardwood Pulps by the Soda/AQ and MAQ Processes	Basin Room
	12:00-1:00 pm	Lunch	Basin or Regatta Room
	1:00 - 2:30 pm	Paper Making and Paper Physics The effect of different fillers on the permeability of pulp fiber mats at different consistencies	Basin Room
	2:30 - 3:00 pm	Break	Basin Room
	3:00 - 4:00 pm	Paper Making and Paper Physics Formation and precipitation of Nanoparticle complexes from aqueous solutions Molybdates and Cationic Surfactants Environmental Retention of Coefficients with Effluent Recycle in Automatic Laboratory Sheet Forming	Basin Room
	6:30 - 9:00 pm	Justin's Grill Restaurant	6400 Yorktown Circle, East Syracuse, NY (phone: 437-1461)*Transportation can be arranged at the front desk.

Thursday Oct. 27	8:00-9:00 am	Continental Breakfast	Refreshments
	9:00-10:00 am	Invited Speakers W. Garno, Rochester Institute of Technology, Rochester, NY Fibrous Materials for Geotechnical Applications, Prof. Shobha K. Bhatia, Civil and Env. Eng. Syracuse University	Basin Room
	10:00- 10:30	Break	Basin Room
	10:30 - 12:00	Invited Speakers SMI Print Initiative: A Technical Understanding of Paper Industry Customers from Supplier's Perspective, Richard Ain, SMI-Minerals Technologies, Inc. A new technology for cleaning white-water and other filtration applications in the paper mill, Frank Miller, Jannanco LLC, Rochester, NY	Basin Room
	12:00 - 1:00 pm	Lunch	Basin or Regatta Room <i>PM</i>
	1:00 - 2:30 pm	Conference concludes	Basin Room



A block of rooms has been reserved at the [Wyndham Syracuse Hotels and Resorts](#), 6301 Route 298, East Syracuse, NY 13057 with a cut-off date of 10/1/05. Phone: 315-432-0200 and mention ESPRA for a room rate of \$109. Check in time is at 3:00 pm and check out time is 12:00 pm.

Registration Form for ESPRA Fall Conference October 26-27, 2005

Name: _____

Name to appear on badge: _____

Company: _____

Address: _____

City: _____ State/Province: _____

Zip/Postal Code: _____ Country: _____

Phone: _____ Fax: _____

Email: _____

Please register me for the 2005 FALL ESPRA Conference

[\$ 450] by October 14, 2005

[\$ 475] after October 14, 2005

-PAYABLE TO SUNY RESEARCH FOUNDATION

Credit Card Payment:

VISA Mastercard Expiration Date: _____

Account Number: _____

Signature: _____

I will pay on arrival

Mail or Fax Registration to:

Mailing Address: SUNY-ESF College
Office of Outreach
219 Bray Hall-One Forestry Drive
Syracuse, New York 13210

Fax: 315-470-6890

For more information (From ESPRI):

call (315)470-6501/6513

fax: (315)470-6945

email: teamidon@esf.edu

bvramara@syr.edu

Hotel Accommodations:

Please call the Wyndham Hotel directly at 315-432-0200 (mention ESPRI) to reserve your room at the discount rate of \$109 single per night. The hotel provides free shuttle service to the airport. Parking is free.

ESPRI

Tentative 9-20



PROGRAM

123rd ESPRA Conference

Eight Projects in Pulp & Paper Processes

- **Bio-Products**
- **Bio-Refinery Processes**
- **Paper Physics Papermaking**
- **Pulping & Bleaching**

**October 26 – 27, 2005
(Wednesday - Thursday)**

Wyndham Carrier Circle
6301 Rte 298 E
E. Syracuse, NY, USA 13057
315-432-0200

*Empire State Paper Research Associates, Inc.
The International Organization of Paper Research
Established in 1945*

**TUESDAY OCTOBER 25, 2005- DINNER & MEETING OF BOARD
OF ESPRA BOARD OF DIRECTORS 6-9 PM**

WEDNESDAY, OCTOBER 26, 2005

ESPRI PROJECT REVIEWS & BUDGETING

8:00-11:00 am Registration

BIOREFINERY **T. E. AMIDON**
Comparison of Commercial Pulping on Hot Water Extracted Sugar Maple Chips
T.E. Amidon, T.S. Bolton, R.C. Francis and K. Gratten
Kinetics of Extraction of Components from Wood- Modeling Issues
Shi-Jie Liu
Extraction of Hemicellulose From Wood prior to Pulping
A. Mittal, G. M. Scott & T. E. Amidon

PULPING & BLEACHING **YUAN ZONG LAI**
A project update on the reactivity of lignin-carbohydrate complex

PULPING & BLEACHING **RAY FRANCIS**
An Update on D/P_M Bleaching Chemistry
Ashish O. Jain, Prasanna Parasuraman, Samar K. Bose, and R. C. Francis
An Update on Bleached Hardwood Pulps by the Soda/AQ and MAQ Processes
R. C. Francis, S. K. Bose, N.-H. Shin, and A. F. Brown

Noon-1.00 pm. LUNCH

ESPRI PROJECT PRESENTATIONS II

1.00 PM- 4.00 PM
PAPERMAKING & PAPER PHYSICS **B. V. RAMARAO**
The effect of different fillers on the permeability of pulp fiber mats at different consistencies
R. Singh, S. Lavrykov and B. V. Ramarao
Formation and precipitation of Nanoparticle complexes from aqueous solutions
Molybdates & Cationic Surfactants
N. Sameer, B. V. Ramarao and R. C. Francis

PAPERMAKING & PAPER PHYSICS **D. S. KELLER**

THURSDAY, OCTOBER 27, 2005 9.00-3.00 PM.

INVITED SPEAKERS: 9:00 am - Noon

SPEAKER 1 'FIBROUS FILLERS' Dr. Vijay K. Mathur, GR International Inc., TACOMA WA.

SPEAKER 2 'FIBROUS MATERIALS FOR GEOTECHNICAL APPLICATIONS'
Prof. Shobha K. Bhatia, Civil & Env Eng., Syracuse University.

SPEAKER 3

SPEAKER 4

SPEAKER 5

LUNCH

A teleconference will be set up where the presentations can be heard via telephone. Presentation slides will be available on the web in Powerpoint.

All projects will be evaluated by member company representatives either in attendance and/or participating via teleconference.

ESPRA BUSINESS MEETING 139 BAKER

ADJOURN

FOR MORE DETAILS SEE WEBSITE
