

## Registration Form for ESPRA Fall Conference Oct 26-28, 2004

Name: \_\_\_\_\_

Name to appear on badge: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State/Province: \_\_\_\_\_

Zip/Postal Code: \_\_\_\_\_ Country: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Please register me for the 2004 FALL ESPRA Conference

[\$450] by Oct 10, 2004

[\$485] after Oct 10, 2004

**-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](mailto:teamidon@esf.edu)

[bvramara@syr.edu](mailto:bvramara@syr.edu)

### Hotel Accommodations:

Please call the Genesee Grande Hotel directly at 315-476-4212 or toll free at 800-365-HOME (mention ESPRI) 315-471-4663 (Fax) to reserve your room at the discount rate of \$78 single per night by Oct. 5, 2004. The hotel provides free shuttle service to the airport, ESF and other Syracuse locations. Parking is free.

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

**ESPRI**

FINAL



## PROGRAM

# 121<sup>st</sup> ESPRA Conference

- BioProducts
- Bio Refinery Processes
- Paper Physics Papermaking
- Pulping & Bleaching

Oct 26 – 28, 2004  
(Tuesday – Thursday)

The Genesee Grande Hotel &  
Conference Center  
1060 E. Genesee St  
Syracuse, NY, USA 13210  
315-476-4212

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## CONFERENCE VENUE

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THE GENESEE GRANDE HOTEL 1060 EAST GENESEE ST SYRACUSE, NY 13210 Phone: 315-476-4212, Fax: 315-471-4663 www.geneseegrande.com
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## TUESDAY, OCTOBER 26, 2004

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### Genesee Grande Hotel

4pm-5pm Registration	SALON B
4pm-6pm Hospitality Suite	SALON B
6:00pm Board of Directors' Meeting	SALON A
7:00pm Board of Directors' Dinner	SALON A

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## WEDNESDAY, OCTOBER 27, 2004

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7:00-8:00 am Registration

MAYFLOWER Lobby

### INVITED SPEAKERS: MAYFLOWER 9:00 am - Noon

1. Managing Chemical Stability of Paper Machine for Improved Efficiency and Product Quality. [Przem Pruszyński](#), Ph D. Global Program Manager, NALCO, Napierville IL.
2. Fiber-Filler Composites in Papermaking. [J. Sohara](#), Ph. D. Director, Specialty Minerals Inc., Bethlehem PA.
3. Starch and Effective Fiber Additive in Wet-End Applications. [K. Anderson](#), Director, Cargill Industrial Starch, Cedar Rapids IA.
4. Effect of Ketene Dimer Structure on Sizing Development. [C. L. Brungardt](#), Hercules Inc., Wilmington DE.
5. Surface Free Energies of Adsorption of Pulps by Moisture Sorption. [E. Peter Lancaster](#), Scientific Advisor, Weyerhaeuser Co., Tacoma WA.

### LUNCH

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## PROJECT REVIEWS: MAYFLOWER THEATER 1-5 PM

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1. 'Residual Lignin in HW/SW.' [Y. Z. Lai](#).
2. 'Soda/MAQ Bleached Pulps.' [R. C. Francis](#).
3. 'Yield Improvements of HW Krafts.' [R. C. Francis](#).
4. 'Wet-Pressing & Consolidation.' [B. V. Ramarao](#).
5. 'Local Paper Properties.' [D. S. Keller](#).
6. 'Moisture & 3 D Structure of Paper.' [B. V. Ramarao](#).

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## THURSDAY, OCTOBER 28, 2004

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### ESPRI TECHNICAL PRESENTATIONS: MAYFLOWER THEATER 8:00am – 3:00pm

#### 8.00 am-Noon ESPRI REPORT PRESENTATIONS

1. Mapping of Z-Directional Hygroexpansivity and Apparent Density for Commercial Printing Papers. [C. H. Ham](#), [D. S. Keller](#) & [H. L. Lee](#).
2. Wet-Pressing of Paper Mats – Water Expression & the Effect of Fiber Compression. [B. V. Ramarao](#), [S. Lavrykov](#) & [T. L. Chaffee](#).
3. Kraft Pulp Bleaching with Partial Replacement of Chlorine Dioxide by Molybdate-activated Hydrogen Peroxide. [M. S. Manning](#), [G. E. Henry](#), [S. Omori](#) & [R. C. Francis](#).
4. High Resolution TGA of Wood Biomass. [A. Stipanovic](#), [J. Goodrich](#) & [P. Hennessy](#).
5. Main Causes of Brightness Instability of Kraft Eucalyptus Pulps. [K. M. M Eiras](#), [J. L. Colodette](#) & [R. C. Francis](#).
6. The Fate of Wood-Extractives in Kraft and Oxygen Delignification. [S-J. Shin](#), [L.R. Schroeder](#) & [Y. Z. Lai](#).
7. Dissolved Solids Buildup in a Paperboard Mill with Water Closure - Part 2. [A. Mittal](#), [J. Iribarne](#), [K. G. Rajan](#), & [S. G. Chatterjee](#).

#### Noon-1.00 pm. LUNCH

#### 1.30pm-3.00 pm SHORT PRESENTATIONS – Reports on Special Projects

1. Envisioning Wood Biomass Based Biorefineries and Integration Into Existing Industries. [T. E. Amidon](#).
2. Novel Phase Box Technology for Filtration of White Water in a Paper Mill. [F. Miller](#) & [B. V. Ramarao](#).
3. Internal Bond Strength and Apparent Density Characterization of Paperboards using Out-of-Plane Ultrasonic Transmission: NSF-SBIR Project Update . [D. S. Keller](#), [A. Hasan](#), [G. Wood](#) & [K. Lester](#).
4. A Single P-stage as Predictor of ODED Bleachability of Alkaline Pulps from Hardwoods. [RC Francis](#), [N Abdoulmoumine](#), [N Lavrykova](#) and [AF Brown](#)

### ADJOURN

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