

MONDAY, JUNE 3, 2002

**SESSION I, 9:00 - 12 NOON
MARKET PROFILES**

- Course Introduction
- Statistics & Growth Trends in U.S. Absorbent Product Markets
- World Nonwovens Statistics
- Technology Changes & Evolution of Absorbent Product Designs
- Technology & Trends Affecting the Absorbent Products Industry in Total
- Physiology of Urination in Normal Children and Adults
- Adult Incontinence: Segmentation, Products, Prevalence, Flow Rates & Amounts by Type
- Skin Care Management and Issues for Disposables

LUNCH (ON YOUR OWN)

**SESSION II, 1:30 - 4:45
MANUFACTURING ISSUES FOR
ABSORBENT PRODUCTS**

- Common Nonwoven Materials Used in Absorbent Products
- Instructive Finished Product Designs & Advanced Manufacturing Technology
- Thin Baby Diaper Approaches & Implications
- Density Gradient & 3D Structures
- Superabsorbent & Fluff Pulp: Performance & Interactions
- Liquid Acquisition, Fluid Movement & Implications for Designers
- Feminine Hygiene Designs & Issues for Performance
- Questions and Answers

COCKTAIL PARTY, 5:00 - 6:30 p.m.

TUESDAY, JUNE 4, 2002

**SESSION III, 9:00 - 12 NOON
MATERIALS TECHNOLOGY**

- Fluff Pulp: Chemistry, Processes, Types, Defibration Parameters & Implications of Fluff Pulp Selection for Product Performance
- Superabsorbents: Manufacture, Forms, Performance & Forecast
- Superabsorbent Fibers & Alternative Pulpless Core Designs
- Elastic Systems
- Films for Hygienics
- Evaluating Product & Materials Performance With Advanced Testing
- Tissue & Towel Techniques
- Wiper Technology
- Airlaid-Woodpulp Fabrics: Grades, Producers, Capacities & Trends
- Bonding Technology for Airlaid Webs

LUNCH (ON YOUR OWN)

**SESSION IV, 1:30 - 4:45
CURRENT TOPICS FOR
THE ABSORBENT PRODUCTS
INDUSTRY**

- Ultra Thin Products, Ultra High % SA & Alternative Materials
- Lowering Cost - Options & Implications
- Adjusting Diaper Design Formulas to Accommodate Material Price Shifts
- Future Trends in Airlaid Forming for Hygienics
- Long-Term Trends in Absorbent Product Design & Manufacturing
- Questions and Answers

WEDNESDAY, JUNE 5, 2002

**BUS TRIP, 9:00 - 11:30
MTS AIRLAID PILOT PLANT
TOUR & DEMONSTRATION**

- A bus trip for delegates to the MTS facilities includes a demonstration of one of the most advanced pilot plants for product development in the world. Complex grades of ultra-thin and exotic hygienic composites will be made to demonstrate airlaid design concepts described in the Short Course including: diapers-on-a-roll, ultrahigh SAP composite at ultralow basis weights, two-sided wipers, 100% synthetics for coverstock, and airlaid paperboard.

- Various bonding methods including bicomponent binder fibers with through-air ovens, latex, calender and water/pressure bonding will be a part of this tour. In addition, the complete MTS testing facility and absorbent product testing devices will be on display including laboratory hammermill, nit counters and MTS TEFO testing devices for adult and baby diaper development.

This is a special opportunity since airlaid pilot plants are seldom open for public tours and few, if any, have these grade capabilities.

All delegates will receive an airlaid sample fiber book and a full proceedings publication for the Short Course.
