Monday, May 17, 1999

7:45am Registration/Continental Breakfast (Included)

8:50am-12:00pm Session I

Chair: John Conovers, Jr., Shaw Industries
Processes for Recycling Durable Synthetic Polymers
B. J. Jody, D. E. Karvelas, and E. J. Daniels, Argonne National Laboratory, IL

Chemical Recycling of Polyamide 6.6 and Polyamide 6 through a Two Step Ami-/Ammonolysis Process
S. Bodrero, E. Canivenc, Rhone Poulenc Industrialisation, and F. Cansell, Institut de Chimie La Matiere Condensee de Bordeaux, FRANCE

10:00-10:30 Refreshment break

Chair: Youjiang Wang, Georgia Institute of Technology
Milliken's Earth Square Carpet Renewal Process
W. Blackstock, Milliken Carpet, GA

Polyamide 66 and 6 Recycling: Commercial Scale Facilities Demonstration
H. P. Kasserra and D. M. Richard, DuPont Canada, ON

Injection Molding of Natural Fiber Reinforced Composites using Wastes of Various Fabrics
T. Kimura, Y. Kataoka, Y. Kondo and T. Takahashi, Kyoto Institute of Technology, JAPAN

12:00pm-1:30pm Lunch (Included)

1:30pm-5:00pm Session II

Chair: Randy Hartmann, P3AD
Utilization of Carpet, Textile & Apparel Waste for Soil Reinforcement
J. D. Frost, Y. Wang, J. Murray, and A. Jones, Georgia Institute of Technology, GA

Concrete Cracking Control with Recycled Tire Cords
H. C. Wu, Wayne State University, MI

Novel Applications of Pre- and Post-Consumer Carpet Wastes in Concrete
M. Miraftab, Bolton Institute, UK

3:00-3:30 Refreshment break

Chair: P. M. Subramanian, SPM Technologies
Recyclability of Glass Cloth Waste Coated by PVC as a Fiber Reinforced Composite
K. Emori and T. Kimura, Kyoto Institute of Technology, JAPAN

Textile Recycling in the Changing Global Market
B. Brill, SMART, MD

Panel Discussion on Textile Recycling:
Bernie Brill (Moderator), SMART, MD
Don Cantrell, Leigh Fibers, SC
Neil Anderson, Russell Corp., AL

5:30pm-7:00pm Reception (Included)

Tuesday, May 18, 1999

7:45am Continental Breakfast (Included)

8:30am-12:30pm Session III

Chair: Michael Costello, AlliedSignal
Size Reduction Technology for Carpet Waste
E. Hensel, New Mexico State University, NM

LCA Issues for Understanding the Environmental Profile of Carpet
B. R. Yaros and C. Chaffee, Boustead Consulting & Associates, Ltd., PA

Robust Reverse Production Design for Carpet Recycling
D. Newton, M. J. Reallff, and J. C. Ammons, Georgia Institute of Technology, GA

10:00-10:30 Refreshment break

Chair: Carroll Turner, Carpet & Rug Institute
Compression Molding of Square Pipe using Wastes of Synthetic and Natural Fabrics
S. Katori and T. Kimura, Kyoto Institute of Technology, JAPAN

Novel Principle for Mechanical Recycling of Carpet Waste Using Pressure Shear Pulverization Process
F. Shutov, Tennessee Technological University, TN

An Overview of Commercial Recycling Technologies and Textile Application for the Products
K. Hawn, Tex America, NC

Air Lay Technology for Processing Carpet Waste
F. Oberlehner, Fehrer AG, AUSTRIA

12:30pm Adjourn of Conference Sessions

12:30pm-1:10pm Lunch (Included)

1:30pm-3:30pm Tours

Tour of the R & D facility of Shaw Industries, Inc.:
Please sign up at the registration table and pick up a direction map if you plan to drive there. A shuttle van will leave at 1:15pm and the tour will start at 1:30pm. If demand warrants, a second tour will be offered shortly afterwards.
List of Tabletop Displays

AlliedSignal, Inc.
Boustead Consulting & Associates, Ltd.
Carpet & Rug Institute
Collins & Aikman Floor Coverings
Crigler Enterprises, Inc.
Dawson Textile Machinery
Expon-Holzmag
GA Department of Industry, Trade & Tourism
GA Pollution Prevention Assistance Division
Georgia Institute of Technology
Granutech - Saturn Systems
Harris Waste Management Group
International Baler Corp.
Merritt Extruders
Milliken & Company
Reduction Technology
SPM Technologies
Tennessee Technological University
University of Georgia

Conference Sponsors

School of Textile & Fiber Engineering, Georgia Institute of Technology
Pollution Prevention Assistance Division (P²AD), Georgia Department of Natural Resources
The Carpet & Rug Institute (CRI)
Secondary Materials and Recycled Textiles Association (SMART)
Department of Textiles, Merchandising & Interiors, University of Georgia
Dalton State College