Thursday, April 30, 1998

7:45am  Registration/Continental Breakfast (Included)

8:50am-12:00pm  Session I

Chair: Fred Cook, Georgia Tech

Moving Carpet Recycling Closer to Reality: From Pilot Plant to Commercialization
Micheal R. Costello, AlliedSignal, Petersburg, VA

Textile Waste Recovery, Recycling and Reuse—A European Dimension
A. R. Horrocks, Bolton Institute, Bolton, U.K.

10:00-10:30  Refreshment break

Chair: Bob Donaghue, PDAD

Recycling Efforts at Shaw Industries
John Conyers, Jr., Shaw Industries, Dalton, GA

Powerbond ER—The Commercial Manufacturing of the World’s First High-Performance Recycled Carpet Backing
Dobbins Callahan, Collin & Aikman Floorcoverings, Dalton, GA

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

1:30pm-5:00pm  Session II

Chair: Ian Hardin, University of Georgia

SB Latex/Calcium Carbonate Carpet Waste Recycling Program
Robert J. Fensterheim, SB Latex Council, Washington, DC

DuPont and Nylon Recycling
Peter Kasserra, DuPont Canada, Kingston, ON

Application of Raman Spectroscopy for Rapid Identification of Carpet Fiber Polymer Type
Kenneth Haber, Yanan Jiang, George Laurence, Dor Ben-Amotz, and Edward Grant, SpectraCode, Inc., West Lafayette, IN

3:00-3:30  Refreshment break

Chair: Matthew Realff, Georgia Tech

An Approach to Sustainable Flooring Manufacture
Ray Berard, Jim Hartzfeld, and Jennifer DuBose, Interface Research Corp., Kennesaw, GA

Craddle-to-Cradle Recycling of Corterra™ Polymers
Paul K. Casey, Hoe Chuah, Imrich Greschler, and Russ Vinson, Shell Chemical Co., Houston, TX

Development of a Biotechnological Process for Reutilization of Nylon Waste
Karl-Erik L. Eriksson and Walter C. Derrick, University of Georgia, Athens, GA

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

Friday, May 1, 1998

7:45 am  Continental Breakfast (Included)

8:30am-12:00pm  Session III

Chair: Carroll Turner, Carpet & Rug Institute

Options and Economics for the Recovery of Chemicals from Polyester/Cotton Textiles
Robert J. Evans, National Renewable Energy Laboratory, Golden, CO

Recycling of Carpet Fibers into Car Parts
Atul R. Vora and Louis Rumao, Visteon Automotive Systems, Dearborn, MI

Applications for Glass Mat Reinforced Recycled Thermoplastic Laminates Derived from Textile Wastes
D. Holty, Georgia Composites, Inc., and J. Muzzy, Georgia Institute of Technology, Atlanta, GA

10:00-10:30  Refreshment break

Chair: Robert Evans, National Renewable Energy Laboratory

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

Design Parameters for Using Waste Fibers in Composites, Laminates, and Honeycomb Sandwich Construction for Wood Replacement
Abraham M. Kotliar, Georgia Tech, Atlanta, GA

Reverse Production System Synthesis for Carpet
Matthew J. Realff, Georgia Tech, Atlanta, GA

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

1:00pm-2:30pm  Session IV

Chair: Ray Berard, Interface Research Corp.

The Effect of Dyestuffs on the Mechanical and Thermal Properties of Nylon Fibers Recycled from Post-Consumer Carpets
Yasser Gowayed and Weiping Lin, Auburn University, Auburn, AL

Enhanced Biodegradation of Fibrous Solid Waste from Textile Production
K. Das, J. Smith, P. A. Annis, and E. W. Tollner, University of Georgia, Athens, GA

The Effect of Waste Polymer Inclusion on Oriented Polypropylene Geotextile Tapes
Subhas Ghosh, Institute of Textile Technology, Charlottesville, VA and A. R. Horrocks, Bolton Institute, Bolton, UK

2:30pm  Adjourn