

**The Fifth Annual Conference on
Recycling of Fibrous Textile and Carpet Waste**
May 1-2, 2000, Dalton, Georgia
Program

Monday, May 1, 2000

8:00am Registration/Continental Breakfast (Included)

9:00am-12:00pm Session I

Chair: Satish Kumar, Georgia Tech

What to Recycle and What to Do with the Rest?

Richard Stein, University of Massachusetts, Amherst, MA

Carpet Recycling for Inner City Redevelopment: It's Logical and Sustainable

Nancey Green Leigh, Georgia Institute of Technology, Atlanta, GA

10:15-10:35 Refreshment break

Chair: Matthew Realff, Georgia Tech

Recyclability of Flame Retarded Thermoplastic Polyester

Jacob Scheinert, Mara Karp, Pierre Georlette, and Jose Reyes, DSBG, ISREAL

New Chemistry for Carpet Manufacturing Based on Reclaimed Polyester

Scott Seydell, EvCo Research, Atlanta, GA, and Robert Collier, Arrow Engineering, Dalton, GA

Integrated Coating of Recycled Long-Glass Fiber Reinforced Thermoplastic Carrier Structures with Compo Leather Materials

K. Brast, IKV, D-52056, Aachen, GERMANY

12:00pm-1:15pm Lunch (Included)

1:15pm-5:30pm Session II

Chair: Howard Elder, J&J Industries

Web-based Recycling System Planning for Carpet

Matthew J. Realff, Jane C. Ammons, David Newton, and Mohit Madnani, Georgia Institute of Technology, Atlanta, GA

Cyntech Technologies ThermReTec Process - New Technology for Recycling Used Tires, Unsegregated Plastics, and Used Carpet into Petrochemical Feedstocks and/or Electrical Power

Frank Meyer and Ike Yancy, Cyntech Technologies, Inc., Roswell, GA

Milliken & Company's Earth Square Carpet Renewal Process: An Economically Sensitive Environmental Solution

Bill Blackstock, Milliken Carpet, LaGrange, GA

A New Process That Treats Municipal Solid Waste May Recover Fiber from Discarded Carpets

Jack Milgrom, Walden Research, Maywood, NJ

3:15-3:35 Refreshment break

Panel Discussion on Carpet Waste Recycling

Moderator: Carroll Turner, Carpet & Rug Institute

Panelists:

Stephanie Busch, P2AD

Dobbins Callahan, Collins & Aikman Floorcoverings

John Conyers, Jr., Shaw Industries

Michael R. Costello, Evergreen Nylon Recycling,

Honeywell International

Todd Smiley, US EPA

James L. Vaughn, OMNOVA Solutions

Jerry Zolkowski, Georgia Institute of Technology

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

Tuesday, May 2, 2000

8:00 am Continental Breakfast (Included)

8:30am-12:00pm Session III

Chair: Youjiang Wang, Georgia Tech

A Hot Wire Technique for Removal of Carpet Face Yarn

Jonathan S. Colton and Abe Kotliar, Georgia Institute of Technology, Atlanta, GA

ATMI's Encouraging Environmental Excellence (E3) Program

Bailey Barefoot, Galey & Lord, Columbus, GA

Technical and Economic Aspects of Utilizing Wool Composts in Horticulture

S. Dudka, K. C. Das, and P. A. Annis, University of Georgia, Athens, GA

10:00-10:20 Refreshment break

Chair: Hubert Kinser, Dalton State College

An Overview of Commercial Recycling Technologies and Textile Application for the Products

Ken Hawn, Tex America, Charlotte, NC

New Technology for Opening Textile Waste

Frank Levy and Sergio Dellorco, Stellamcor Inc., Larchmont, NY

Plastics, Rubbers, and Textiles in the Municipal Solid Waste in the United States

Satish Kumar, Georgia Institute of Technology, Atlanta GA

12:00pm-1:00pm Lunch (On your own)

1:00pm-3:30pm Workshop

Environmental Workshop on Life Cycle Assessment:

Learn to calculate life cycle inventories, model recycling systems and use the results to support decisions in plastics recycling and recycling policy
Chet Chaffee and Bernard Yaros, Boustead Consulting & Associates Ltd., Ardmore, PA



The Fifth Annual Conference on Recycling of Fibrous Textile and Carpet Waste

Sponsored by

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

North West Georgia Trade & Convention Center, Dalton, Georgia
May 1 and 2, 2000

Conference Co-Chairs

Dr. Satish Kumar and Dr. Youjiang Wang
School of Textile & Fiber Engineering, Georgia Institute of Technology
Atlanta, GA 30332-0295
Phone (404) 894 2490, FAX (404) 894 9766

Table Top Displays

Carpet & Rug Institute, Dalton, Georgia
Carver, Inc., Savannah, Georgia
Dawson Textile Machinery, Greensboro, North Carolina
Eastern Air Filter Cleaning Service, Atlanta, Georgia
Evergreen Nylon Recycling, Honeywell International, Augusta, Georgia
Fiber Controls Corp., Gastonia, North Carolina
Georgia Institute of Technology, Atlanta, Georgia
Georgia Pollution Prevention Assistance Division, Atlanta, Georgia
International Baler Corp., Jacksonville, Florida
J & J Industries, Dalton, Georgia
Plastequip, Inc., Alpharetta, Georgia
Stellamcor, Inc., Larchmont, New York
Syndesis, Inc., Santa Monica, California
University of Georgia, Athens, Georgia
Walton/Stout, Inc., Lithonia, Georgia