

the fiber society

for the advancement of scientific knowledge
pertaining to fibers, fiber based products, and fibrous materials



[Home](#) | [What's New](#) | [Society Info](#) | [Membership](#) | [Contact](#) | [Future Conferences](#) | [Past Conferences](#) | [Officers](#)

Spring 1993 Meeting Raleigh, NC

Papers Presented

"Quantitative Analysis of the Morphology of a Novel Nonwoven Microfibrous Polyurethane"

Martin W. King, Pauline Ukpabi, Denis Murphy, Ze Zhang, Kevin Coonan, and Robert Guidoin

"Evaluation of pore Size in Nonwoven Fabrics"

Behnam Pourdeyhimi and B. Xu

"Evaluation of Fiber Orientation in Fibrous Assemblies"

Stanley Kepka

"Effect of cotton on the Comfort Properties of Thermobonded Nonwoven Fabrics made from a Cotton/Bicomponent Fiber Blend"

Girish Grover, S. Zhu, A. B. Jenkins, S. O. Hyun and N. R. Bertoniere

"Nonwoven Fabric as a Matrix for *In Vitro* Culturing of Mammalian Tissue Cells"

M. V. Sussman, Stacy Petti, and Ana Lages

"Shear Precipitation of Chitosan Fibroids: Observations on their Formation and Characterization"

Sam Hudson and Sonja Salmon

"New Non-Conventional Stain Blockers for Polyamide Carpets"

L. Calcaterra, M. Koljack, M. Koehler, and Q. Farsihta

"Conformations and Mobilities of Isolated Polymer Chains Confined to the Narrow Channels of their Crystalline Inclusion Compounds"

Alan E. Tonelli

"Structural Characterization of General Fiber Assembles and Analysis of Fiber Pull-Out Behavior from a Bonded Nonwoven Material"

Ning Pan

"Novel Textile Barrier Fabrics which Retain Coherence and Flexibility up to 1000°C"
Anand Subhash and A. Richard Horrocks

"Measurements of Needle Punching Dynamic Forces: The Single Needle Case"
Abdelfattah M. Seyam, Zhong X. Mi, Subhash K. Batra, Arthur C. Bullerwell,
Jian Meng, and Asaad Mohamed

"Mechanical Characterization of Geosynthetic/Soil Interaction"
Yehia El-Moghazy, Yasser Gowayed, and Sabit Adanur

"Study of Factors to Control the Transfer of Jute Fibers for Development of Needle
Punched Blended Nonwovens"
S. N. Pandey and A. K. Majumdar

"Fibrous Structures in Medicine: Some Unsolved Problems"
Joseph Moylan

"A Fantastic Voyage: Unconventional Fibrous Materials for Biomedical Applications"
David Brookstein

"Advanced Material Systems in the 21ST Century"
Bruce A. Whitestone

"Synthetic Continuous Filaments in Wood Fiber-Based Products"
Jared A. Austin

"Fifty Years of Polyester-Where Are We Now?"
Gerald Farrow

"Prospects for High Performance Fibers"
A. S. Abhiraman

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