### Table 1: Techtextil-Symposium NA 2008 Schedule of Events

**Tuesday, April 1**

8:30-11:00 a.m.

**101: General Session**
- Keynote Address
- Trade Issues
- Synthetic Fibers in the Global Technical Textiles Industry
- New Applications of Fiber-Based Products
- European Technical Textiles — Business Developments and Economic Atmosphere

1:30-4:00 p.m.

**102: Research By The National Textile Center**

**103: Concerns Of Expanding Globally**
- International Solutions for Internal Processes
- Protecting Intellectual Property Globally
- The Importance of Relationships When Expanding Globally
- Invention, Innovation and New Product Development: Building Worldwide Partnerships
- Expanding Globally — Working with the Government to Facilitate International Expansion
- The 10 Major Mistakes Made by US Exporters

**104: High-Performance Engineered Flexible Materials And Structures (Nonwovens)**
- Nanofibers with Tunable Electrical Conductivity for Hybrid Electrospun/Traditional Filters
- Modeling Permeability of Fibrous Media
- Computer Program for Filter Media Design
- High Performance Micro and Nano Engineered Structures
- Advances in Weathering Resistance of COPE
- Calendered High-Performance Meltblown Nonwoven from Liquid Crystalline Polymer
- High-Tech Specialty Fiber
- Spun Carbon Yarns, A New Tool for Composite Reinforcements
- Automotive Interiors
- Mechanical Rubber Goods — Vital Components for Longer Life

**Wednesday, April 2**

8:30-11:00 a.m.

**201: Government I — Protection**
- Eco-Friendly Self-Decontaminating Fabrics
- Flame and Thermal Protective Materials
- Electroactive Textile System for Controllable, Variable Permeability

**202: Composites**
- Lightweight Hybrid Composites Made from Carbon and Glass Fabrics with High Modulus Polypropylene Fibers
- The Effect of Nesting and Compaction on the Interfacial Shear Behavior of Woven Composites
- Nano-reinforced Shape Memory Fibers
- A Novel 3-D Woven-Knit Hybrid Fabric for Composite Reinforcement
- Morphology and Mechanical Properties of Nylon 6/MWNT Nanofibers in Composites

**203: Extreme Fibers**
- Advances in High Temperature Thermoplastic Fibers
- PEEK Fiber for the Future

1:30-4:30 p.m.

**204: Government II — Multifunctional Textiles For Military Applications**
- The Challenge of Fielding Combat Uniforms
- Multifunctional Fibers and Textiles via Manipulation of Nanoscale Phenomena
- Development of Novel Decontamination Wipes

**205: Technical Knits**
- Technical Knits — Offering New Opportunities
- Spacer Fabrics — Unique Knit Constructions for Special Applications
- Developing Specialty Knit Fabrics to Meet Performance Standards
- Solutions For Technical Textiles

**Thursday, April 3**

8:30-11:30 a.m.

**301: Nanotechnology**
- Application of Nanotechnology to Fiber and Fabrics
- Nanotechnology — Enabling Multifunctional Environmentally Friendly Textile Finishes
- Photostability Improvement of Nomex® with Titania Nanocoating

**302: Body Armor For Law Enforcement Protection**
- Proposed NIJ 0101.06 Standard for Soft Body Armor
- 3-D Ballistic Technology for the Next Generation
- Development of UHMWPE-Based Personal Body Armor
- Air-Activated Resin-based Trauma Reduction Devices

**303: Enhancing Value By Finishing**
- Carbon Footprints and Market Opportunities
- Functional Finishes and Surface Modification
- Comparison of Waterproof-Breathable Garment Technologies via Physiological Data Monitoring
- Multilayered Membrane Assemblies
- Advantages of UV-Curable Polymers for Coating Applications