



News Release

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FOR IMMEDIATE RELEASE

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SOAR INTO THE FUTURE WITH HIGH TECH FIBERS & FABRICS!

RESEARCH TRIANGLE PARK, N.C., USA, Tuesday, September 29, 2009—Soar into the future with the *Innovations in Functional Materials, Sports & Defense Technologies, and Composites Symposium & The NTC Forum*. Find out about the latest and greatest technologies in fabrics, composites, and cutting edge research.

The symposium, sponsored by AATCC's Materials Interest Group and chaired by Philip J. Brown, Clemson University, will take place **October 26-27** at the **Hyatt Regency in Greenville, S.C., USA**.

The focus for this symposium is on high-tech: innovative applications and technologies for composites, defense/protective clothing, functional materials, and sports apparel. The **NTC Forum** and Student Paper Competition will be held in conjunction with this symposium so attendees can speak directly with leading university researchers about cutting-edge investigations of fibrous materials.

Presentations will include:

Composites

- Green Composites: Where We Are and Where We Are Headed, **Anil Netravali, Cornell University**

- Cotton Composites for Automobile and Industrial Applications, **Seshadri S. Ramkumar, Texas Tech University**
- Composite Nanofibers for Strain-Sensing Applications, **Russell Gorga, North Carolina State University**
- Ballistic and Composite Performance of High Modulus Polypropylene Fiber, **Brian Morin, Innegrity High Performance Fibers**
- Multifunctional Composites for Space Applications, **Raj Kaul, NASA, Marshall Space Flight Center**

Sports Technologies

- Innovations in Sports Apparel, **Susan Sokolowski, Nike Inc.**
- Cooling Technology...A Basic Need for All Walks of Life! **Dennis Ackroyd, Cool Comfort Technologies Inc.**
- Sensory Solution Products, **Jukka Kahkonen, Myontec Ltd.**

Defense Technologies

- Effect of Processing Conditions on the Cut Resistance of Aramid Fibers, **Jeff Moreland, Clemson University**
- Polymer/Carbon Nanotube Composites for Energy Storage, **Satish Kumar, Georgia Institute of Technology**
- Novel Nanofiber Structures by Electrospinning for Tissues Engineering, **Bhupender Gupta, North Carolina State University**
- Multifunctional Textiles for Chemical Biological Protection, **Eugene Wilusz, Natick Soldier Center**
- Nanodiamond-Polymer Composites, **Vadym Mochalin, Drexel University**
- Improving Ballistic Resistance with Demand Activated Transformation, **Karl Jacob, Georgia Institute of Technology**
- An Innovative Approach to Impact Protection in Functional Textiles—Deconstructing and Reconstructing the Military Kneepad, **Clare King, Propel LLC**
- Fiber Based Biohazard Sensor Assemblies, **Margaret Frey, Cornell University**
- Permeation of Gases through Microporous Membranes, **Yasser Gowayed, Auburn University**
- Effect of Wicking Finishes and Water Repellent Treatments on Sweat Management and Thermal Balance of Military Uniform Fabrics, **Phil Gibson, Natick Soldier Center**
- Dyes as Photo Radical Initiators in UV-Induced Graft Polymerization and Preparation of Antibacterial Polymers, **Gang Sun, University of California, Davis**
- Nonwovens as Potential Shelter Materials, **Behnam Pourdeyhimi, North Carolina State University**

- Lightweight Armor for Tomorrow's Challenges, **Shitij Chabba, DSM Dyneema**

For more information and to register online, visit:
www.aatcc.org/programs/workshops/MIG_symp.cfm

REGISTER EARLY AND SAVE!*

Individuals registering on or before **October 9**:

- US\$749 nonmembers
 - US\$499 for individual and corporate AATCC members
- includes luncheons, breaks and a copy of all available papers

US\$425 for NTC poster presenters
US\$175 for students

After October 9, the registration fee increases:

- US\$799 for nonmembers
- US\$549 for AATCC members

US\$425 for NTC poster presenters
US\$175 for students

Refunds will be honored if cancellations are received on or before **October 19, 2009**. A US\$75 cancellation fee will be charged.

*A **½ price registration fee** is available to attendees living within a *30 mile radius* of the conference site. Attendees taking advantage of this option will **not** receive tickets to the luncheons or reception beverage tickets. This option is available to members, nonmembers and poster presenters. This option is NOT available for student attendees.

If you are eligible for this option, you must download the registration form and fax it to +1 919 549 8933 along with payment.

Overnight accommodations are available at the Hyatt Regency Greenville, 220 N Main St., Greenville, SC 29601 USA, +1 864 235 1234 or +1 800 233 1234. Reservations should be made directly with the hotel and attendance at the AATCC symposium should be specified to receive the group rate of US\$119 per night. A

first night's room and tax deposit are due with each registration. Reservations must be made by **October 2** to ensure room availability.

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ABOUT AATCC: *AATCC is the world's leading not-for-profit association serving textile professionals since 1921. AATCC, headquartered in Research Triangle Park, N.C., USA, provides test method development, quality control materials, and professional networking for members in about 60 countries throughout the world.*

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If you do not wish to receive information regarding AATCC activities, please send a message including your email address to thomass@aatcc.org.