CHEMICAL APPLICATIONS

The mission of the Chemical Applications interest group is to stimulate and expand the knowledge base of applying chemicals (preparation aids, colorants, finishes, polymers, etc.) to textile substrates. The group concentrates on the technologies, equipment, systems, and processes used, as well as testing the physical/mechanical properties of treated materials.

AATCC

Headquartered in Research Triangle Park, N.C., U.S.A., the American Association of Textile Chemists and Colorists (AATCC) is an international leader in education, technology transfer, and test method development for the textile design, wet processing, and materials industries. The organization is dedicated to education, technical applications and research, and communication.

join AATCC today and get involved in the Chemical Applications Group!

AATCC members receive discounts on publications, workshops, and other educational programs. You may even save more than the cost of your annual membership dues.

Enroll online by visiting www.aatcc.org or contact:

AATCC Membership Services Department
One Davis Drive • P.O. Box 12215
Research Triangle Park, NC 27709-2215, USA
Telephone +1 919 549 3547
Fax +1 919 549 8933

Dedicated to the surface treatment, dyeing, printing, and finishing of textiles.
WHO SHOULD JOIN
• Textile chemical researchers (academic and industrial)
• Lab personnel
• Chemical manufacturers
• Dyeing and finishing professionals
• Polymer research chemists
• Textile technologists
• Product development engineers
• Anyone interested in delivering better chemicals and application processes for the global textile community!

AREAS OF INTEREST
Topics addressed at recent educational events and meetings include:
• Enzyme desizing and scouring
• Improving hydrophilic properties of textiles
• Colorfastness and dimensional stability test methods
• Fluorescent whitening
• Antimicrobial finishes
• Digital textile printing
• Waterproofing
• Modification of fiber and textile properties through applied chemistry research
• Wet processing of high performance fibers
• Genotoxicity in dye and pigment synthesis
• Decolorization of dye bath wastewater
• Energy savings opportunities in textile plants
• Continuous improvement of dyeing and finishing operations

ACTIVITIES & RESOURCES
• Education Programs – Symposia, seminars, and workshops on practical processes, production, and testing are offered for continuing professional development.
• Publications – AATCC Review covers all aspects of the textile industry from initial design to end-use performance, including peer reviewed, applied technology, and feature articles covering Chemical Applications interest group topics. Members also have access to an online archive of AATCC Review articles. The monthly electronic newsletter, AATCC News, includes original features, test method development news, and upcoming events. AATCC is also a sponsoring organization of the new online Journal of Engineered Fibers and Fabrics (JEFF).

 IT’S WHO YOU KNOW
Through AATCC’s global network of members, you can meet other chemical applications professionals who work in your fields of interest. Gain new perspectives on responsibilities, share ideas, and seek creative solutions to similar problems.

Interested in learning more?
Visit us online:
www.aatcc.org