

about 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.

about 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

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CHEMICAL APPLICATIONS[®]

Dedicated to the
surface treatment,
dyeing, printing,
and finishing

textiles.^{of}

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)*.
- **International Conference & Exhibition (IC&E)** AATCC's annual international gathering of industrial professionals includes presentations, influential speakers, and product exhibits. The conference provides a rare opportunity for research, development, design, and production professionals to come together and collaborate on common concerns.
- **Committee Activities** – AATCC's unique technology and research committees enable you to join your peers in addressing specific issues of industry-wide concern including colorfastness, di-

mensional stability, and water resistance/repellency. Your work on these committees gives you direct input on test methods development for the entire textile industry.

- **Section Meetings** – Exchange ideas with people who speak your language! Local meetings are a great way to get involved and learn about a broad range of topics related to day-to-day challenges, from trends to technology and beyond.
- **Website** – Test methods, programs, conferences, committee activity, educational materials, and membership news can be found on the AATCC website, www.aatcc.org.
- **Student Activities** – AATCC welcomes students from around the world. Students pay significantly reduced membership fees and receive the electronic version of *AATCC Review*. The Association has developed a number of activities especially for students, including the Herman & Myrtle Goldstein Student Paper Competition. Start your career off right by participating in AATCC!

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