

## Committee Document



### **Minutes of the AATCC Materials Interest Group (MIG) Meeting**

**May 9, 2012, Wednesday, 2.30-4PM, Radisson Hotel, RTP**

The meeting was called to order by Chair, Seshadri Ramkumar at 2.30PM.

The minutes of the November 2011 meeting (previously e-mailed to the MIG members) were accepted.

Dr. Haskell Beckham, Exponent (on leave from Georgia Institute of Technology), gave a presentation on "Where's the Water? MRI Applications in Textiles." Dr. Beckham presented examples of MRI applications that are of interest to textiles community such as evaluating fluid ingress into fluoro chemical finished carpet, porosity evaluation of nonwovens, characterizing penetration of resins into textile composites, etc. The presentation showcased the application of MRI for evaluating non-humanoid samples.

Peggy Pickett of AATCC presented details of the MIG-sponsored track in the 2012 AATCC International Conference held in Charlotte. There were 16 presentations in the track. There were three replacements to the original program. These were given by Fred Cook of Georgia Tech, Seshadri Ramkumar of Texas Tech University, and Don Thompson of NCSU.

The 2013 AATCC International Conference will be held from April 9-11, 2013 in Greenville. A steering committee will be set up soon. Ramkumar and Fred Cook will invite members for this committee.

MIG will sponsor a Fall-2012 Symposium. The venue will be Atlanta and tentative dates are October 10-11, 2012. Suggested topics include technical textiles, functional finishes and coatings, sustainability, and protective textiles. Suggestions for additional topics were invited from the committee members. Member-at-Large Robina Hogan suggested biopolymers as a topic for the symposium.

Chair Seshadri Ramkumar indicated that AATCC-MIG can be the home for individual professionals who are interested and working in the field of advanced textiles/technical textiles. There is no single professional association for individual members in the field of technical textiles. Jack Daniels of AATCC briefed the group that he will be soon be attending the Spring meeting of the Industrial Advisory Board of Nonwovens Institute-NCSU and will try to present AATCC as a home for individual members working in nonwovens and technical textiles.

Aaron Creech of AATCC who maintains LinkedIn for MIG advised that the traffic is good and will help in posting useful and topical information that will be of interest to MIG members.

Aaron Creech reported that the 2012 MIG sponsored Materials Design competition is well underway. Sixteen groups from 11 colleges sent in intent to present posters. Eleven full posters were received. Aaron advised that this is a record number for the MIG. AATCC will announce the winners on June 1<sup>st</sup> and so judging should begin soon.

Chair Seshadri Ramkumar briefed the committee that a task force can be set-up to examine the options to enlarge the MIG group. A call was made to the committee to promote the activities of MIG to colleagues and interested parties. Dr. Krishna Parachuru of Georgia Institute of Technology said that research groups in the Department of Material Sciences at Georgia Tech will be interested in the activities of MIG as there are many research activities in the Material Sciences Department at Georgia Tech such as coating and functional finishes.

Fred Cook briefed the group that MIG has about 160 voting members and has gained momentum in the past four years. Jack Daniels briefed the group that Chemical Applications Group has the highest voting members followed closely by C2C. New programs offered by MIG such as webinars can serve as an important tool to enlarge the group.

MIG has started conducting webinars on Technical Textiles. Seshadri Ramkumar offered a webinar on "Technical Textiles Opportunities" on May 3<sup>rd</sup>. Another webinar on "Nonwovens: Processes and Products" will be offered on July 26<sup>th</sup> by Ramkumar. The participants were requested to present ideas and topics for MIG-sponsored webinars by contacting the Chair and AATCC staff.

The committee decided to send in call for nominations for Chair, Vice-Chair and Secretary in the summer. Voting for these officers will be handled electronically so that officers for the term beginning in January 2013 can be in place by the Fall meeting.

The Fall meeting of the MIG will be held in Research Triangle Park during November 13-15, 2012.

Respectfully submitted,

Seshadri Ramkumar

Chair, MIG

05-09-12