



AATCC Materials Interest Group Meeting Minutes

November 12, 2014, DoubleTree by Hilton, Durham NC

The AATCC Materials Interest Group meeting was held on the afternoon of November 12. The guest speaker (via skype) was Rory Wolf, ITW Pillar Technologies and spoke on, "DNA Plasma Solutions for Authentic Solutions." The work presented is a collaboration between Applied DNA Sciences and ITW Pillar Technologies. Anti-counterfeiting technology involving the binding of DNA on atmospheric plasma treated substrates was explained. Application of this technology not only involves textiles, but also other sectors such as microelectronics and food. The presentation attracted broad range of questions such as durability of DNA when the textiles undergo various dry and wet treatments, how the DNA is bonded to liquids and solid substrates, cost associated with this technology, etc.

The MIG offered a session at the IFAI's Advanced Textile Expo in October 2014 in Minneapolis. Five presentations were made and the session had 62 attendees.

MIG track will offer a tutorial on "*Technical Textiles 101*," at the AATCC 2015 International Conference on the afternoon of March 24, 2015. The tutorial will be offered by Seshadri Ramkumar.

MIG will endeavor to develop a symposium on "*Functional Materials and Finishes*," during fall 2015. This topic attracted positive feedback from the audience. Cotton Incorporated will be approached to help with a tour of their facility to showcase processing labs to the attendees. Discussion in the MIG November 12th meeting also focused on encouraging MIG members to consider offering webinars.

Respectfully submitted,

Seshadri Ramkumar, Chair, AATCC Materials Interest Group