



**AATCC
CHEMICAL APPLICATIONS INTEREST GROUP**

Minutes

Wednesday November 16, 2011

**Radisson Hotel
Research Triangle Park, NC**

1. Meeting was called to order at 10:15AM by the CAIG Chair, Bert Truesdale. He then introduced the first speaker. Rachel Dove, CEO, MiraTex Ltd.
2. Presentation by Rachel Dove. Rachel presented work done by her company in partnership with Georges Antunes, Long Lasting Innovation of France on a new extraction method to be used in determining the relative active surface concentration of permethrin in insect repellent treatments of textile materials. During the presentation she introduced Georges and they fielded some technical questions. They are proposing a reactivation of RA49 Research Committee [Insect Resistance Test Methods] and plan to return to the spring 2012 TCR for an inaugural meeting of the re-activated committee.
3. The chair then introduced a second guest speaker, Dr. Joseph Kurian of DuPont. Joe presented information about Sorona, DuPont's new PTT polymer for the fiber, Triexta. This is synthesized using a biological process. He covered the polymer chemistry and some information about how a key raw material (1,3-propanediol) is derived from annually renewable agricultural feed stocks. He covered the general manufacturing process, the environmental benefits, and basic polymer properties which make Triexta a valuable fiber for the textile industry.
4. Upon conclusion of the presentations, a call for Symposia topics was made by the chair and the meeting adjourned at 11:45AM.

E-mailed to Members 3-27-12