

Applied Rheology Division Pre-ANTEC Newsletter, April 2017

Chair's Message: On behalf of the Board of Directors I would sincerely invite everyone to attend our Applied Rheology Division sessions and events at ANTEC 2017 (May 8-10, Anaheim, CA). This year, we have many exciting presentations that reflect the progress of rheology as it matters to plastics engineers. Just to mention a few, you will find an elegant report on chemorheology of a medical epoxy-amine adhesive system from Drs. Guo and Fredrick, an introduction of a novel and practical approach to determine stretch properties by Prof. Yao, an in-depth study of PP/CNT composites from Prof. Isayev's group, and an insightful evaluation of concentrated slurry and polymer melt in actual processing from percolation perspective by Prof. Campbell's team. You are also welcome to enjoy the invited talk from Prof. Sundararaj to witness how rheology plays a key role in nanocomposites research. On top of these, you will have the opportunities to meet your colleagues in person. Please stop by our table during the SPE reception on Monday night. We look forward to catching up with you!!



Sessions:

Structure-Process-Property Relationships	Mon, May 8	2:00 – 5:30 PM
Molecular Rheology	Tues, May 9	8:30 – 10:30 AM
Rheometry & Process Simulation	Tues, May 9	2:00 – 5:30 PM

Invited Talk: “Component Rheology as a Tool to Design Polymer Blend and Polymer Blend Nanocomposite Morphology” (Mon, May 8 @ 2:00 PM) by Dr. Uttandaraman Sundararaj from University of Calgary, President of Canadian Society for Chemical Engineering (2016 – Present), Polymer Processing Society's Morand Lambla Award (2003)



Special Thanks: Dr. Manojkumar Chellamuthu from SABIC Innovative Plastics, Technical Program Chair, for organizing the sessions and the entire Board for working diligently behind the scenes

Other Events: The international conference “Novel Trends in Rheology VII”, July 26 – 27, 2017, is organized by the Polymer Centre, Faculty of Technology, Tomas Bata University in Zlín in cooperation with the Applied Rheology Division, the Society of Plastics Engineers (SPE) and the Czech Group of Rheology. The meeting will capture recent development in areas of experimental and theoretical rheology, non-Newtonian fluid mechanics, applied rheology for advanced polymer processing with specific attention to polymeric nanofibers production. For more information, please contact with Dr. Martin Zatloukal at mzatloukal@ft.utb.cz.



Questions: If you have questions/suggestions or want to sponsor the division's activities, please contact Dr. Tieqi Li, the Division Chair, at tieqi.li@gmail.com.