



PLASTICS IN BUILDING
AND CONSTRUCTION

Plastics in Building and Construction

Special Interest Group

Chairs note:

Dear Members,

Happy Spring everyone! I am really excited to tell everybody that Building and construction SIG is becoming division. Thanks for voting in favor of that and for all of the support you have provided to SIG in the past. Now we are getting ready for ANTEC 2017 which will be held at Anaheim CA. I want to encourage everybody to attend this conference. It will definitely help you continue learning of new technologies related to our industries and also allows you to connect with new professionals as well as reconnecting with old friends. In addition to that it is nice to get away from the office or plant and refresh yourself.

We are holding our board meeting on Tuesday, May 9th at 4th floor Carmel Room at 1:00pm-2:30pm. Please join our Annual Board Meeting as we have kept last half hour of meeting open for everybody. I would encourage you to volunteer to work on the board as you will really learn how the work is done behind the scenes and will also challenge you to provide new information for the upcoming planning sessions.

Hope to see you all at ANTEC!!

Abhishek Ambekar



ANTEC® 2017

The plastics technology conference
May 8-10, Anaheim, CA

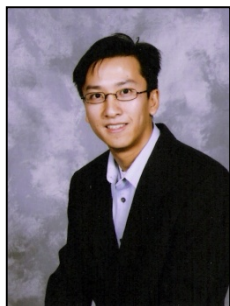


Session on Plastics in B & C at ANTEC® 2017

Technical sessions of the plastics in B & C will have a wide variety of valuable presentations. This year we will have four speakers during Tuesday afternoon session. Topics covered include polyolefin elastomers, polyolefin's fibers, flame retardant materials, composites, foams, structural adhesives and roofing for buildings technology. The following papers will be presented during the morning session:

2:30 pm - 3:00 pm	Improving the Adhesion of Polyolefin Elastomers Colin Li Pi Shan, Research Fellow, Dow Chemical Company
3:00 pm - 3:30 pm	RAPID PHOTO-OXIDATION OF UV-STABILIZED POLYPROPYLENE FIBER DUE TO AN EXTERNAL ANTAGONIST Davis Lee, Exponent Failure Analysis Associates
3:30 pm - 4:00 pm	POLYHEDRAL OLIGOMERIC SILESQUIOXANE BASED FLAME RETARDANT FOR ACRYLIC Michael Wells, Director of Research and Development, Reynolds Polymer Technology Presenter : Emily Robbins , Research and Development Project Chemist, Reynolds Polymer Technology
4:00 pm - 4:30 pm	THERMALLY INSULATED BIMODAL POLYSTYRENE/MULTI-WALLED CARBON NANOTUBE NANOCOMPOSITE FOAMS Pengjian Gong, Sichuan University Presenter : Dr. Chul Park , Distinguished Professor of Microcellular Engineered Plastics, University of Toronto.

Biography of Speakers at Plastics in B&C session



Colin Li Pi Shan is an R&D Fellow for Dow Elastomers R&D. Colin's responsibilities includes the development of olefinic elastomers, thermosets, polyolefin-based adhesives, and olefin block copolymers. He is a subject matter expert for polyolefin microstructure analysis to support catalyst discovery, material science, and product development. Colin holds over thirty U.S. patents; several about analytical methods for enhanced resin analysis, and the composition of matter for novel resins. Colin has published over twenty papers and frequently presents at conferences on the subject of polyolefin structure, properties, and application. Colin received his B.Sc. and M.Sc. in Chemical engineering from Queen's University, Ontario, Canada and his Ph.D in Chemical Engineering from the University of Waterloo, Ontario, Canada.



Davis Lee is a Senior Managing Scientist with Exponent. His expertise is in chemistry and polymer science where he has over 35 years of product development experience in textiles, plastics and specialty chemicals. Prior to joining Exponent Dr. Lee worked with large, medium and small sized firms in both technical and management positions. Dr. Lee has served in various trade associations and on academic and advisory boards as well as an adjunct professor at the Georgia Institute of Technology.



Emily Robbins is new to the polymer industry; having only graduated May of 2017 from Colorado Mesa University with a Bachelor's of Chemistry. She currently works at Reynolds Polymer Technology, Inc. as the Research and Development Project Chemist that stemmed from an internship while in school.



Dr. Chul Park is a Distinguished Professor of Microcellular Engineered Plastics at University of Toronto. He has invented numerous foaming technologies, and he has successfully transferred them to various industrial companies. He has published more than 800 papers, including 280 journal papers and three books. Prof Park serves as the Editor-in-Chief of the Journal of Cellular Plastics, and sits on the Advisory Editorial Board of several journals. He has chaired numerous conferences and workshops including Biofoams Conference. He has been inducted Into 4 academies including The Academy of Science of the Royal Society of Canada and the Canadian Academy of Engineering. He is also a Fellow of 5 professional societies including the SPE. He has received 36 major awards and 33 minor awards.

Plastics in Building and Construction Board of Directors

Chair

Abhishek Ambekar

Solvay

Abhishek.ambekar@solvay.com,

Vice Chair

Hsinjin Edwin Yang

Pioneer Scientific Solutions, LLC

Yamg.Pioneerss@gmail.com

Antec 2017 Technical program chair:

Frank Popola

fjpopola@gmail.com

Secretary and Communications chair:

Mark Barger

The Dow Chemical Company

mabarger@dow.com

Newsletter Editor

Mahesh Narkhede

Command Packaging

mnarkhede@commandpackaging.com

Past Chair

Tammy Yang

GAF Materials Corporation

Tyang@GAF.com

Directors:

Lei Rao

Vanderbilt Chemicals, LLC

lrao@vanderbiltchemicals.com

Donna Davis

ExxonMobil Chemical Company

donna.s.davis@exxonmobil.com

Rakesh Gupta

West Virginia University

Rakesh.Gupta@mail.wvu.edu

Kalena Stovall

Imerys North America

Kalena.Stovall@imerys.com

Manoj Nerkar

The Dow Chemical Company

Manoj.Nerkar@gmail.com

Mukul Kaushik

Hollingsworth and Vose

Mukul.Kaushik@eagles.usm.edu

*Plastics in B & C SIG is open at no charge to current SPE members in related Divisions, as well as non-SPE members that are working or otherwise interested in the Building and Construction field. We are always looking for new Board members to help with planning and execution of various SIG activities such as ANTEC® sessions, fundraising and community events. The SIG Board meets face-to-face at ANTEC® every year, and by monthly teleconference. As an incoming member, we ask for a three-year commitment from you and your employer. In return, we provide good networking opportunities and a word of appreciation for your company in one of our newsletters. If you are interested in joining us, please contact **Abhishek Ambekar** at abhishek.ambekar@solvay.com or **Mark Barger** at mabarger@dow.com.*