



SOCIETY OF
PLASTICS ENGINEERS

Plastics in Building and Construction

Special Interest Group

Dear SIG Members:

Well with ANTEC/NPE 2015 over hopefully everyone is back in daily business mode. The technical sessions of the Plastics in Building and Construction SIG were very well received. We had 5 speakers and the topics covered included foams for building technology, declaration of health products, plastics in solar energy, PVC modification and PP composites. To recap, the papers that were presented are listed below:

Papers on Plastics in B & C at ANTEC® 2015

THE SCIENCE, ECONOMICS, INNOVATION & CHALLENGES FOR THE USE OF FOAMS IN CONSTRUCTION,
TODAY & TOMORROW

KEYNOTE | Alan Letton, Rubberlite

HEALTH PRODUCT DECLARATIONS-THE GOOD, THE BAD AND THE UGLY

KEYNOTE | Marty Sweeney, Celanese

THE IMPACT OF ENGINEERING PLASTICS ON THE ADVANCEMENT OF SOLAR ENERGY IN THE UNITED
STATES

Matthew Parkinson, BASF

PVC PROPERTY MODIFICATION USING STYRENICS BASED MODIFIER SYSTEMS

Mohammed Abboud, Styrolution America LLC

LOWER-COST, LIGHTER AND GREENER POLYPROPYLENE-BASED BIOCOMPOSITES FOR INDUSTRIAL
APPLICATIONS

MIHAELA MIHAI, National Research Council of Canada

ANTEC® Indianapolis 2016 - Call for Papers

The Plastics in Building & Construction Special Interest Group welcomes papers for the coming ANTEC® 2016 conference, which will be held on May 23-25 in Indianapolis, Indiana. Topics of the Plastics & Construction SIG may include:

- Adhesive and Sealant Technologies
- Thermal Management Technologies
- Bioplastics in Construction
- Reliability of Construction Materials
- Composites in B&C
- New Design Concepts

Deadlines:

Paper Submission: December 08, 2015

Paper Review: January 07, 2016

Final Paper Acceptance: January 29, 2016

Final Paper Revision: February 23, 2016

Authors must submit a Paper (saved as .pdf) and Abstract by the Paper Deadline in ANTEC® format.

Further information may be found at www.antec.ws.

Papers will be reviewed by the Technical Program Committee and Authors notified of status or required revisions in November, 2015.

Two submission formats: Technical; Commercial

Two presentation styles: Podium; Poster

Submissions will be completed online, further instructions will follow

Questions? Contact us:

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ANTEC® 2016

Plastics in Building & Construction SIG

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The Building and Construction SIG conducted a member survey. Topics included:

- Your industry role
- Materials of interest
- Your area of focus with Building & Construction
- Segments within B&C that are of interest
- Suggested topics for future technical sessions
- Your interest in presenting at a future technical session

There were a limited number of responses to the survey but of the responders we had a lot of diversity among the segments of Building and Construction. 85% of the responders were in New Product Development roles. Below are some of the results from the responders.

Topics that were of most interest respondents:

- Building products development and building product applications.
- Building Product applications.

Information people would like from B&C SIG:

- New materials
- New applications
- New processing techniques

The Plastics in B&C SIG has more than 850 members representing over 450 companies and academic institutions and our goal is to grow as a bigger and better group. The SIG will encourage the exchange of information and attempt to act as a resource for Society members for information on how to increase the understanding of plastic building materials through conferences, workshops, a newsletter and industry contacts facilitated through a focused group effort within SPE. These activities are designed to provide a forum for the better understanding of below topics through the exchange of ideas and information related to latest applications of plastics in infrastructure use for residential and commercial area.

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*The 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 **Mark Barger** at mabarger@dow.com.*