



PLASTICS IN BUILDING  
AND CONSTRUCTION

# Plastics in Building and Construction Special Interest Group

Dear SIG Members:

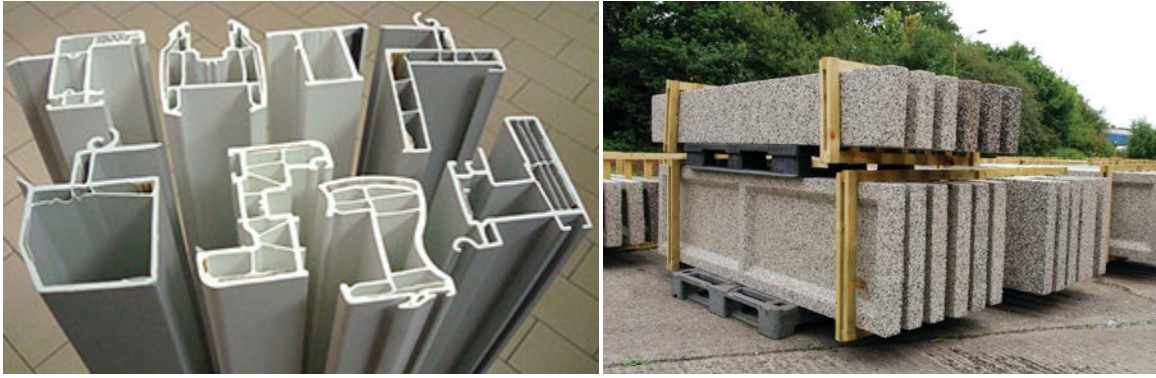


Let me start out by saying “Hello” to all the members of the SPE plastics in building and construction group. This will be the first of the quarterly postings as we begin the new SPE year. This first posting contains our ANTEC 2017 call for papers, and our board recommendation to convert from a SIG to a *Division in Formation*.

The Plastics in building and construction Special Interest Group was chartered in 2007 with a small group and a few members. The aim behind starting this SIG was to promote the dissemination of scientific, design, and marketing knowledge of plastics, polymers, and composites for the global building and construction industry, including residential, commercial, and infrastructure applications. Today, our SIG has twelve board members and almost 1400 members. As we have a fully functional board and in order to better serve the society, we board members feel that it is the right time to grow further into a *Division in Formation*. We all are excited as this will help us to provide more interactive technical events, networking opportunities, and a better home for people interested in building and construction area. We certainly need the support of all the members during the process. All SIG members will receive a quick survey in their email with the next few weeks. Please take a few minutes to complete the survey and indicate your preference (SIG versus Division). I really appreciate all the support from SIG members during the last 10 years. Please feel free to reach out to any of our board members if you have any comments or questions.

**Chair:**  
**Abhishek Ambekar**

## Our Mission:



The mission of the SIG is “To provide a unified forum for promoting open exchange of scientific and engineering knowledge related to applications of plastics materials in building and construction. These activities are designed to provide a forum for a better understanding of recent advancements through exchange of ideas and information related to latest application and use of plastics in infrastructures in residential and commercial area.”

Areas of interest include topics such as roofing, flooring, insulation, processing, structure-property relationships, product design and development, application development, modeling, regulations and compliance, and life-cycle analyses. To achieve its objectives, the SIG collaborates closely with other interested technical divisions of SPE and organizations to coordinate the dissemination of knowledge and understanding of plastics through appropriate channels.

## 2016 ANTEC Recap

The Plastics in B&C SIG held their ANTEC technical session on Wednesday May 25. Six speakers addressed diverse topics within the Building & Construction field. Prof. Hota GangaRao from West Virginia University gave an interesting and engaging keynote presentation covering recent advances in the use of composite materials in infrastructure applications. Other speakers addressed topics covering sustainable flame retardant technology, pannelization adhesives, smart vapor permeable materials, failure analysis in single-ply roofing membranes, and advances in flexible acrylic polymer technology.



## Call for Papers

*Want to share your knowledge with a global audience?*

**The Plastics in Building & Construction Special Interest Group** welcomes papers for the upcoming ANTEC® 2017 conference. Topics may include:

Innovation in Building Materials  
Energy Efficiency Technologies  
Fire Retardant Technologies  
Emerging Regulatory Issues  
Green Building Trends

Life Cycle Analysis  
Durability  
Polymer Modifiers  
Adhesives  
Civil Engineering

**Paper Deadline: December 2, 2016 - 11:59 p.m. EST**

### Create a Submission

<http://www.4spe.org/antec2017>

### Questions?

**Frank Popola**

Technical Program Chair 2017  
+1 770.569.7002

**Scott Marko**

Events Manager  
+1 203.740.5442

## Plastics in Building and Construction Board of Directors

### Chair

**Abhishek Ambekar**

Solvay

[Abhishek.ambekar@solvay.com](mailto:Abhishek.ambekar@solvay.com),

### Vice Chair

**Hsinjin Edwin Yang**

Pioneer Scientific Solutions, LLC

[Yamg.Pioneerss@gmail.com](mailto:Yamg.Pioneerss@gmail.com)

### Secretary and Communications chair:

**Mark Barger**

The Dow Chemical Company

### Antec 2017 Technical program chair:

**Frank Popola**

[fjpopola@gmail.com](mailto:fjpopola@gmail.com)

### Antec 2017 Co-Technical program chair:

**Mukul Kaushik**

Celanese

[Mukul.Kaushik@eagles.usm.edu](mailto:Mukul.Kaushik@eagles.usm.edu)

### Newsletter Editor

**Mahesh Narkhede**

Command Packaging

[mnarkhede@commandpackaging.com](mailto:mnarkhede@commandpackaging.com),

### Past Chair

**Tammy Yang**

GAF Materials Corporation

[Tyang@GAF.com](mailto:Tyang@GAF.com)

### Directors:

**Lei Rao**

Vanderbilt Chemicals, LLC

[Irao@vanderbiltchemicals.com](mailto:Irao@vanderbiltchemicals.com)

**Donna Davis**

ExxonMobil Chemical Company

[donna.s.davis@exxonmobil.com](mailto:donna.s.davis@exxonmobil.com)

**Rakesh Gupta**

West Virginia University

[Rakesh.Gupta@mail.wvu.edu](mailto:Rakesh.Gupta@mail.wvu.edu)

**Kalena Stovall**

Imerys North America

[Kalena.Stovall@imerys.com](mailto:Kalena.Stovall@imerys.com)

**Manoj Nerkar**

TerraVerdae BioWorks, Inc.

[Manoj.Nerkar@gmail.com](mailto:Manoj.Nerkar@gmail.com)

*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](mailto:mabarger@dow.com).*