

NEWSLETTER

November 2014

Society for the Advancement of Materials and Process Engineering

New Jersey Chapter



We are Pleased to Present the Featured Guest Speaker for our November 6th Meeting:

A State-of-the-Art Overview: Composite Utility Structures

John Busel

Vice President

Composites Growth Initiative

**American Composites Manufacturers
Association (ACMA)**

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ABSTRACT

This presentation will focus on the key advances that have been made in composite pole technology, including design, materials and manufacturing processes. In addition to the many technological improvements with composite poles, modular designs are now available that allow taller, stronger transmission and



telecommunication structures to be utilized, since the lightweight composite utility pole sections can be easily nested, transported and assembled to make up various combinations of pole lengths and required strengths. Examples of typical composite poles used in monopole and H-Frame configurations will also be discussed.

BIOGRAPHY

John Busel is Vice President, Composites Growth Initiative of the American Composites Manufacturers Association. Mr. Busel's focus is to promote composites through education, marketing, codes and standards development, and outreach to lead industry programs in market development of new opportunities and grow existing markets in the composites industry. Mr. Busel has over 30 years of experience in market development, composites design, tool engineering, manufacturing, and research and development of thermoset and thermoplastic composite materials. Mr. Busel held positions in market development, engineering, R&D and Manufacturing for the Market Development Alliance (MDA), SPI Composites Institute,

Martin Marietta Aerospace, and Boeing-Wichita. He is a member of ACI, ASCE, SAMPE, SPE, and ASTM. He was the recent past chairman of ACI Committee 440 – FRP Reinforcement. Mr. Busel has a BSCE degree from Bradley University.

MEETING DETAILS

Place: Bridgewater Manor, Bridgewater, NJ; (908) 658-3000
Time: 5:45 – 8:30

Cost: \$10.00 Adv Registration; \$15.00 at Door; Students – Free
This meeting is open to all SAMPE members, spouses, guests, and other interested parties

Reservations contact John Osterndorf at 973-248-5885 or at jfo0956@gmail.com by noon Wednesday before the meeting.
Directions to Bridgewater Manor: From I-287 north, take exit 22A (206 south). Go thru two lights, Bridgewater Manor is on right. From I-287 south, take exit 22. Make right at end of ramp. Make next left, a jughandle to cross 202/206 to go south on 202/206. Go thru three lights, Bridgewater Manor is on the right.

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2014 – 2015 Meeting Schedule

September 4, 2014 – Tom Farnan, Cimquest Inc.

October 2, 2014 – Russell Caspe, Gentex Corp

October 13 - 16, 2014 – CAMX, Orlando FL, sponsored jointly by SAMPE and ACMA

November 6, 2014 – John Busel, ACMA

December 4, 2014 – Joe Landolina, Suneris Co

February 5, 2015 – Kenichiro Mimura, Daicel Corp.

March 5, 2015 – Students' Night

April 2, 2015 – NJ SAMPE/NJ ASM joint meeting

May 7, 2015 – TBD

May 17 -21, 2015 – SAMPE Tech, Baltimore MD

June 4, 2015 – TBD

July 2015 – 32nd NJ SAMPE Golf Tournament, Picatinny Arsenal



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ISSE – 1990 (Anaheim), 1994 (Anaheim),
1996 (Anaheim), 1998 (Anaheim), 2002 (Long Beach)

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Sponsor of the Month **Gentex Corp.**

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