

NEWSLETTER

March, 2012

Society for the Advancement of Materials and Process Engineering New Jersey Chapter 35th Anniversary



We are Pleased to Present the Featured Guest Speaker for our March 1st Meeting:

FRP Strengthening for Infrastructure Repairs

Dave White, P.E.
Sika Corp.

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ABSTRACT

Fiber Reinforced Polymers have become a viable and accepted means of upgrading, strengthening, and rehabilitating Civil Engineering Structures in the United States and abroad. They are currently being used for external reinforcement, seismic strengthening, building modifications, blast hardening and many other construction applications. This presentation will address the various composite materials (e.g. carbon and glass fibers) currently available. Case studies will be presented to showcase the use of these materials in the field. In addition, the current industry accepted design guidelines and approvals (ACI, ICRI, ICC etc.) will be explained along with solutions for fire protecting the installed FRP.

BIOGRAPHY

David White is the Technical Director, for Sika Corporation in Lyndhurst, New Jersey. He has over 25 years experience in the engineering and construction industries and holds a BSCE from Columbia University and a MSCE from Polytechnic University (now NYU-Poly). He is a licensed Professional Engineer in New York and active in many professional associations, including ACI, ICRI, TRB, ACMA, ASBI, and ASCE.

MEETING DETAILS

Place: Bridgewater Manor, Bridgewater, NJ; (908) 658-3000

Time: 6:15 – 8:30

Cost: \$10.00 Advanced Registration; \$15.00 at Door; Students – Free

This meeting is open to all SAMPE members, spouses, guests, and other interested parties

Reservations please contact John Osterndorf at 973-248-5885 or by email at sampejohn@yahoo.com by noon the 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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2011 – 2012 Meeting Schedule

September 8, 2011 – SGL and BMW joint venture for all carbon fiber frame vehicles, R. Paul, SGL Carbon

October 6, 2011 – Compression Molded Composites for Military Structures, Simon Chung, MSC Corp,

October 17 – 20, 2011 – 43rd International SAMPE Technical Conference. Ft Worth, TX. Sponsored by Dallas/Ft.Worth Chapter

November 3, 2011 –Silanes for MSP and STPUR Hybrid Adhesives, Ramon Sanchez-Morillo, Evonik Degussa Corp.

December 1, 2011 – Bio-based Polymers and Soft Composites for Biomedical Applications, Giuseppe Palmese, Drexel U.



February 2, 2012 – Managing Corrosion in Industrial Applications with FRP, Thom Johnson, Ashland Inc.

March 1, 2012 – FRP Strengthening for Infrastructure Repair, Dave White, Sika

April 5, 2012 – Joachiam Grenestedt, Lehigh Univ.

May 3, 2012 – TBD

May 21 – 24, 2012 – 56th Intl SAMPE Symp & Exhib, Baltimore Conv Ctr, Sponsored by Balt/Wash Chapter

June 7, 2012 – Anniversary Dinner Celebration

July 12, 2012 – 29th NJ SAMPE Golf Tournament, Picatinny Arsenal

Please Note:

The NJ Chapter sponsors a student chapter at Drexel University.

The NJ chapter is sponsor of the 44th International SAMPE Technical Conference, Charleston Convention Center, Charleston, SC. – October 22-25, 2012.

In celebration of our 35th Anniversary, NJ Chapter members will receive an appreciation gift at monthly meetings – so plan to attend.



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SAMPE Best Chapter Award Winner:

1990, 1991, 1992, 1993, 1995, 1996, 1997, 1998,
1999, 2000, 2001

SAMPE Chapter Service Excellence Award Winner:

2002, 2003, 2004, 2005, 2006 (award retired
after 2006)

SAMPE Chapter Sponsored Conferences:

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

ISTC – 1981 (Mt. Pocono), 1989 (Atlantic City),
2006 (Dallas), 2009 (Wichita)

ISEC – 1994 (Parsippany)



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