

## Society for the Advancement of Materials and Process Engineering

### New Jersey Chapter



We are Pleased to Present the Featured Guest Speaker for our April 3rd Meeting:

### Use of Synthetic Silica in Adhesives, Sealants and Composites

**Joe Abrantes**

**Scientist, Silicone, Resins, Coatings  
Evonik Corporation**

**2 Turner Place**

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composition, surface treatment and particle structure, to achieve optimal performance, can enhance the function of materials used in composite systems.

#### BIOGRAPHY

Joe Abrantes is a scientist with Evonik's Silica, Business Line part of Inorganic Materials, Business Unit. Joe is responsible for Technical Service and Application Development for AEROSIL® Fumed Silica, AEROXIDE® Fumed Metal Oxide, AERODISP® Fumed Metal Oxide Dispersions and SIPERNAT® Precipitated Silica. Joe has over 14 years Adhesive and Sealant knowledge working in Process and Production Engineering, Adhesive R&D and Quality Operations. Joe received a Bachelor of Engineering degree in Chemical Engineering from Stevens Institute of Technology.

#### 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](mailto: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.

#### ABSTRACT

Engineered synthetic silica is tailor made to improve rheological and mechanical properties as well as advance optical clarity, storage stability and processing of adhesive



### 2013 – 2014 Meeting Schedule

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**September 5, 2013** – Louis Pilato, Pilato Consulting

**October 3, 2013** – Len Poveromo, Northrup Grumman Corp

**October 21 – 24, 2013** – 45<sup>th</sup> ISTC, Wichita, KS.

**November 7, 2013** – Jerry Grzybowski, Evonik Corp.

**December 6, 2012** –David Jhaveri, TFP Americas

**February 6, 2014** – Jim Toth, Evonik Corp

**March 6, 2014** – Philip Coniglio, Composite Prototyping Center

**April 3, 2014** – Joe Abrantis, Evonik Corp.

**May 1, 2014** – Richard Gaeckle, Hoagland Longo LLP

**June 2-4, 2014** – 58<sup>th</sup> ISEE, Seattle WA

**June 5, 2014** – Ted Lynch, Exec VP, SAMPE

**July 17 , 2014** – 31st NJ SAMPE Golf Tournament, Picatinny Arsenal



# NEWSLETTER

April 2014

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### New Jersey Chapter

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