

We are pleased to present the following speaker for our October 3rd Meeting:

### Hydrophobic Synthetic Silica Advancements in Structural Epoxy

Joe Abrantes  
Technical Market Manager  
Evonik Corporation

#### Abstract

Hydrophobic engineered synthetic silica provides both rheology and reinforcement in composite and structural materials. This presentation will provide a guide to selection and use of hydrophobic synthetic silica in epoxy structural adhesives.

#### Biography

Joe Abrantes currently serves as Technical Market Manager for Evonik's Silica Business Line. He is responsible for regional technical service and application development for fumed and precipitated silicas in adhesive & sealant, lubricant, grease and cable gel applications. Joe's 20+ years of industry experience includes assignments with Evonik, Sika and Engelhard. He volunteers as NJSAMPE's Student Outreach officer, developing SAMPE student chapters at universities and STEM programs at high schools in the NY/NJ area.

#### Meeting Details

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

Cost: \$30.00 at the door. Free for students. Cash, check and PayPal options are available. This meeting is open to all SAMPE members, spouses, guests and other interested parties. For reservations or questions, please contact Megan Casey at [mbc872@gmail.com](mailto:mbc872@gmail.com) by noon Wednesday before the meeting. Meal options are available.

#### 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.



#### 2019 – 2020 Meeting Schedule

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**September 12, 2019** – Giuseppe Palmese,  
Drexel University

**September 23-26, 2019** – CAMX, Anaheim CA

**October 3, 2019** – Joe Abrantes, Evonik  
Corporation

**November 7, 2019** – Yuebin Guo, Rutgers  
University

**December 5, 2019** – John Weber, Gentex

**February 6, 2020** – TBD

**March 5, 2020** – TBD

**April 2, 2020** – Students Night

**May 7, 2020** – TBD

**May 4-7, 2020** – SAMPE 2020, Seattle WA

**June 19, 2020** – 2<sup>nd</sup> Annual NJ Additive  
Manufacturing Symposium, at Rutgers Weeks  
Engineering Building

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1996 (Anaheim), 1998 (Anaheim), 2002 (Long Beach)

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