October 2019

Society for the Advancement of

Material and Process Engineering



New Jersey Chapter

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 by noon Wednesday before the meeting. Meal options are available.

Directions to Bridgewater Manor:

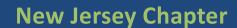
From I-287 north, take exit 22A (206 south). Go thru two lights, Bridgewater Manor is on right. From I-287 south, take exit 22. Make right at end of ramp. Make next left, a jughandle to cross 202/206 to go south on 202/206. Go thru three lights, Bridgewater Manor is on the right.



October 2019

Society for the Advancement of

Material and Process Engineering





2019 – 2020 Meeting Schedule

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

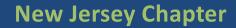
June 19, 2020 – 2nd Annual NJ Additive Manufacturing Symposium, at Rutgers Weeks Engineering Building



October 2019

Society for the Advancement of

Material and Process Engineering





Executive Board

BENJAMIN M. RASMUSSEN CHAIR

Russell Caspe Gentex Corporation 570-282-8588 rcaspe@gentexcorp.com

TREASURER

Megan Casey Total Cray Valley 610-427-3534 mbc872@gmail.com

SECRETARY

Amir Islam
Bally Ribbon Mills
610-845-2211
amirislam@ballyribbon.com

PROGRAMS

Howard Kliger 732-469-6330 hskliger@comcast.net

MEMBERSHIP

Melissa Jaime Vertellus LLC 973-440-2872 mjaime@vertellus.com

STUDENTS

Joe Abrantes
Evonik Corporation
732-981-5246
joe.abrantes@evonik.com

ADVISORS-AT-LARGE

John F. Osterndorf 973-248-5885 jfo0956@gmail.com

Louis A. Pilato
Pilato - Consulting
732-469-4057
lapilato@optonline.net

DIRECTOR

Borys Schafran
Jayhawk Fine Chemicals Corporation
620-210-4006
borys.schafran@jayhawkchem.com





October 2019

Society for the Advancement of

Material and Process Engineering



New Jersey Chapter

Past Chairs, SAMPE Fellows and Senior Honorary Members

CHAPTER CHAIRS

1977 – 1978 Raymond F. Wegman

1978 – 1979 William J. Russell

1979 – 1980 Michael Michno

1980 – 1981 Fred H. Ancker

1981 – 1982 Natalia Chujko

1982 – 1983 Robert J. Narsavage

1983 – 1984 Richard W. Reiter

1984 – 1985 Howard S. Kliger

1985 – 1986 John Burlage

1986 – 1987 John F. Osterndorf

1987 – 1988 Thomas J. Green

1988 – 1989 Harry S. Katz

1989 – 1990 Benjamin M. Rasmussen

1990 – 1991 Harry Tenney

1991 – 1993 Louis A. Pilato

1993 – 1994 John Burlage

1994 – 1995 Richard A. Walther

1995 – 1996 Frans van Antwerpen

1996 – 1997 Kathleen A. Froelich

1997 – 1998 Gail D. DiSalvo

1998 – 1999 Ash Chopra

1999 – 2013 Benjamin M. Rasmussen

2013 – 2018 Borys F. Schafran

2019 -

Russell Caspe

SAMPE FELLOWS

Fred H. Ancker

Harry S. Katz

Dr. Howard S. Kliger

Dr. Frank K. Ko

Robert Pickney

Dr. Louis A. Pilato

Leonard Poveromo

Raymond F. Wegman

Charles Weizenecker

Dr. Carl H. Zweben

SENIOR HONORARY MEMBERS

Richard G. Adams

Gail DiSalvo

Edward A. Gallagher

Robert Golick

Harry Katz

Howard S. Kliger

Charles N. Muldrow

John Osterndorf

Louis A. Pilato

Benjamin M. Rasmussen

William D. Timmons

Raymond F. Wegman Charles Weizenecker **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), 2012 (Charleston)

ISEC – 1994 (Parsippany)

SAMPE Center of Excellence for Additive Manufacturing

2018

October 2019

Society for the Advancement of

Material and Process Engineering





Chapter Sponsors

Airtech International, Inc.

Tony Constantino 5700 Skylab Road Huntington Beach, CA 95647 714-899-8100 Fax: 714-899-8179 tconstantino@airtechintl.com www.airtechintl.com

Bally Ribbon Mills

Dr. Amir Islam
23 North 7th Street
Bally, PA 19503
610-845-2211
amirislam@ballyribbon.com

Broadview Technologies, Inc.

Jason Tuerack
7-33 Amsterdam Street
Newark, NJ 07105
973-465-0077
jtuerack@broadview-tech.com
www.broadview-tech.com

Coast Line International

Patrick McMenanin 200 Dixon Ave Anityville, NY 1170 631-226-0500 patrickm@coast-lineintl.com

Evonik Corporation

Jose Abrantes 2 Turner Place Piscataway, NJ 08854 732-981-5246 joe.abrantes@evonik.com

Fabric Development Inc.

Mary P. Shafer
1217 Mill Street
Quakertown, PA 18951
215-536-1420
mshafer@fabricdevelopment.com
www.fabricdevelopment.com

General Magnaplate

Edmund Aversenti 1331 US Route 1 Linden, NJ 07036 908-862-6200 eaversenti@magnaplate.com www.magnaplate.com

Gentex Corporation

Russell Caspe PO Box 315 Carbondale, PA 18407 570-282-8588 rcaspe@gentexcorp.com

Jayhawk Fine Chemicals Corporation

Borys Schafran 8545 SE Jayhawk Drive Galena, KS 66739 620-210-4006 borys.schafran@jayhawkchem.com www.jayhawkchemcom

Kenrich Petrochemicals

Salvatore Monte PO Box 32 Bayonne, NJ 07002 201-823-9000 sjmonte@4kenrich.com

Novoset LLC

Dr. Sajal Das 87 Main Street, Peapack, NJ 07977 908-470-4200 www.novoset.com

Vertellus LLC

Melissa Jaime 1705 US Highway 46, Suite 1A Ledgewood, NJ 07852 973-440-2872 mjaime@vertellus.com www.vertellus.com





October 2019

Society for the Advancement of

Material and Process Engineering

New Jersey Chapter



Sponsor of the Month: Evonik Corporation

Evonik is one of the world's leading specialty chemicals companies. Their strategy focuses on specialty chemicals, customer-focused innovation, and a performance-oriented culture. Evonik supplies high performance materials for environmentally friendly as well as energy-efficient systems to the automotive, paints & coatings, adhesives, construction and many other industries. While Evonik often contributes only small amounts of material, those contributions are precisely what make the difference.

Evonik stands for attractive business and innovative prowess. Their corporate culture is geared toward results, profitable growth, and increasing the value of the company. Operating in over 100 countries, Evonik benefits from close customer relationships and leading market positions. Over 32,000 employees are united by the understanding that no product is so perfect that you can't make it better.

For more information, please contact:

Jose Abrantes

Evonik Corporation

2 Turner Place
Piscataway, NJ 08854

732-981-5246
joe.abrantes@evonik.com







