

Society for the Advancement of Material and Process Engineering New Jersey Chapter



We are pleased to present the featured Guest Speakers for our October 6th Meeting:

Support of the STEM Program at Somerville High School

Somerville High School has a four year engineering program taught by Mr. Michael Kydonieus, who has a degree in engineering. His program is directed at introducing students to engineering concepts. NJ SAMPE is involved primarily as a community outreach to the students who need mentoring on projects, prototyping and patent writing.

The Somerville Engineering studies program will provide four presentations:

Topic: My Interests on Textile and Material Engineering.
Presenter: Mr. Noah Horowitz, Senior. Mr. Horowitz prides himself with finding efficient ways to solve problems. This year he plans to explore several fields of engineering in order to decide what exactly he would like to pursue as he advances to college. He has an interest in learning the difference in alloys.

Topic: Development of an Affordable Light-sheet Microscope.

Presenter: Mr. Jordan Lees, Senior. Mr.

Lees has a passion for creativity and originality. This presentation will discuss a project worked on during an internship over the summer. The design and development of an affordable light-sheet microscope, which is to be a plug in device on a regular lab microscope.

Topic: Engineering Design of a Travel mug and Umbrella Handle

Presenter: Miss. Robin Seazholtz, Senior. Ms. Seazholtz participates in many Band activities, Yearbook, and Girl Scouts.

This year in engineering Robin will be investigating different Mechanical Engineering projects including a modified travel mug and a modified umbrella handle.

Also presenting will be Ms. Courtney Johnson and Mr. Alex Wellenbrock on topics TBD.

MEETING DETAILS

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

Time: 5:45 – 8:30

Cost: \$20.00 Adv Registration; \$25.00 at Door; Students – Free
This meeting is open to all SAMPE members, spouses, guests, and other interested parties

Reservations 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.





2016 – 2017 Meeting Schedule

September 8, 2016 – Steve Medlar, Rutgers University

October 6, 2016 – Student Night, Presentations from Somerville High School

October 26 - 29, 2016 – CAMX, Anaheim CA, sponsored jointly by SAMPE and ACMA

November 3, 2016 – TBA

December 1, 2016 – TBA

February 2, 2017 – TBA

March 2, 2017 – TBA

April 6, 2017 – Student Night, SAMPE at NYU Student Chapter and guests

May 4, 2017 – TBA

May 22-25, 2017 – SAMPE Seattle, Seattle WA

June 1, 2017 – Lab tour TBA

June 26, 2016 – 34th NJ SAMPE Golf Outing, Picatinny Arsenal

NEWSLETTER

October 2016

Society for the Advancement of Material and Process Engineering

New Jersey Chapter



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Borys Schafran
Evonik Corporation
973-929-8172
borys.schafran@evonik.com

TREASURER

Megan Casey
Total Cray Valley
610-363-4117
mbc872@gmail.com

SECRETARY

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

PROGRAMS

Howard Kliger
732-469-7646
hskliger@comcast.net

MEMBERSHIP

Jane Arlauskas
Evonik Corporation
973-929-8165
jane.arlauskas@evonik.com

DIRECTOR

Louis A. Pilato
Pilato - Consulting
732-469-4057/fax: 732-764-9747
lapilato@optonline.net

LIAISON, SAMPE Technical Excellence Committee

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

ADVISOR-AT-LARGE

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

LIAISON, Student and Young Professional

Outreach

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





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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), 2012 (Charleston)

ISEC – 1994 (Parsippany)





Chapter Sponsors

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

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Linden, NJ 07036
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agoldstein@ac-catalysts.com
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7-33 Amsterdam Street
Newark, NJ 07105
973-465-0077
jtuerack@broadview-tech.com
www.broadview-tech.com

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

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121 Express Street
Plainview, NY 11803
631-875-2200
lpoveromo@compositepro.org
www.compositepro.org

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Kenichiro Mimura
One Parker Plaza
400 Kelby St
Fort Lee, NJ 07024
mimura@us.daicel.com
www.daicel.com/en/us

Evonik Corporation

Borys Schafran
299 Jefferson Rd
Parsippany, NJ 07054
973-929-8172
borys.schafran@evonik.com
jayhawk.evonik.com

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Quakertown, PA 18951
215-536-1420
mshafer@fabricdevelopment.com
www.fabricdevelopment.com

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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

IMR Test Labs

Bill DeLaurier
131 Woodsedge Drive
Lansing, NY 14882
607-533-7000
sales@imrtest.com

Lonza Inc.

Megan Casey
3B Russo Place
Berkeley Heights, NJ 07922
201-316-9489
megan.casey@lonza.com
www.lonza.com



NEWSLETTER

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Mektech Composites Inc.

Aram Mekjian
40 Strawberry Hill Road
Hillsdale, NJ 07642
201-666-4880
Fax: 201-666-4303
mekmail@prodigy.net

Northern Composites

Michael Leedie
102 Tide Mill Road
Hampton, NH 03842
860-550-3240
mleedie@northerncomposites.com
www.northerncomposites.com

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

3 HTi

Garry Hoffman
3000 Atrium Way #296
Mount Laurel, NJ 08054
609-953-2175
ghoffman@3hti.com
www.3HTi.com

3M Co.

Kevin Merlini
Aerospace & Coml Trans Div.
325 Cherry Lane
Glenside, PA 19038
215-327-3842
kwmerlini@mmm.com
www.3m.com

Bally Ribbon Mills

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



Society for the Advancement of Material and Process Engineering

New Jersey Chapter



Sponsor of the Month: Bally Ribbon Mills

Founded in 1923, Bally Ribbon Mills is a leader in the woven narrow fabrics industry. Over 2,000 different patterns are manufactured in our production facility located in Bally, Pennsylvania. Materials include high performance tapes and webbing, 2-D woven shapes, 3-D complex shapes, 3-D multi-layer fabric, braids, and polar weaves. Our specialty textiles cover a wide range of medical, safety, commercial, industrial, aerospace, automotive, and military applications. We are ISO9001, AS 9100, and ISO 13485 certified.

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We make it a regular practice to take what was previously unattainable and make it a reality. If you’re looking for a new structure, or new ways to lower weight and cost without sacrificing integrity and performance, look no further than composite woven materials from Bally Ribbon Mills.

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Dr. Amir Islam
Bally Ribbon Mills:
23 North 7th Street
Bally, PA 19503
Tel: 610-845-2211
Fax: 610-845-8013
www.ballyribbon.com





A note in passing...

NJ SAMPE is saddened to note the passing of long-time member Richard G. "Dick" Adams on August 7, 2016. Born in Montclair, NJ, He spent his retirement years in Lavallette, NJ.

Dick graduated from Brown University with a degree in chemical engineering and began his career working for Owens Corning Fiberglass in RI where he worked on the first fiberglass auto-frame construction. He returned to NJ to work for Exxon Research before moving onto the J.P. Stevens Research Laboratory in Garfield, NJ and later in Greenville, SC. In Greenville, he worked on innovative aerospace materials, including high-performance woven fabric heat shields for the NASA space shuttle. After retiring and moving back to NJ, he remained an active member of the materials community acting as a consultant for JPS Fabrics for nearly 20 years.

Dick served his country in the Army Air Corps in World War II, stationed in the Philippines. He was a member of the Lavallette Yacht Club since childhood where he served as Commodore in 1973-74. NJ SAMPE extends our condolences to his colleagues, friends and family.