March 2017

Society for the Advancement of

Material and Process Engineering

New Jersey Chapter



We are pleased to present the featured Guest Speakers for our March 2nd Meeting:

Properties and Applications for Low Molecular Weight Polyethylene and Polypropylene Polymers

Michael Jablon

Honeywell Performance Materials and Technologies

Abstract:

The Honeywell Specialty Additives Group is heavily involved in the advancement of low molecular weight polyethylene polymers in a wide range of industries. Some of the application areas include adhesives, release agents, investment castings, color concentrates, moisture

barriers, rheology control and abrasion resistance. The presentation will address additive properties and their relationships with various applications.

Biography

Mike Jablon has a Bachelors of Science from Rutgers University in NJ and a Masters in Project Management from Stevens Institute of Technology, also in NJ. Initially employed in the Coatings Industry as a formulator for 12 years, since 1990, Mike has been employed by Honeywell Incorporated, a supplier of low molecular weight polyethylene polymers. His current position is Technical Manager for Honeywell's Specialty Wax & Additives Group, where he is entrusted with developing new applications for their polymer additives across a broad range of industries.

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.

March 2017

Society for the Advancement of

Material and Process Engineering

New Jersey Chapter



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 – Ben Bordoloi, Ames Rubber Co.

December 1, 2016 – Paul Cylenica, SGL

February 2, 2017 – J.P. Masson, Nagase America Corp.

March 2, 2017 – Mike Jablon, Honeywell

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

March 2017

Society for the Advancement of

Material and Process Engineering

New Jersey Chapter



Executive Board

CHAIR

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

March 2017

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 – 2017 Borys F. Schafran

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

CHAPTER CHAIR EMERITUS

Benjamin M. Rasmussen

SENIOR HONORARY MEMBERS

Richard G. Adams

Gail DiSalvo

Edward A. Gallagher

Robert Golick

Harry Katz

Howard S. Kliger

Charles N. Muldrow

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)







March 2017

Society for the Advancement of

Material and Process Engineering

New Jersey Chapter



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

A&C Catalysts, Inc

Abe Goldstein 1600 W Blancke St Linden, NJ 07036 908-474-9393 agoldstein@ac-catalysts.com www.ac-catalysts.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

Composite Prototyping Center

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

Daicel USA Inc.

Kazuo Asada 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

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

IMR Test Labs

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

Lonza Inc.

3B Russo Place Berkeley Heights, NJ 07922 201-316-9489 www.lonza.com

March 2017

Society for the Advancement of

Material and Process Engineering

New Jersey Chapter



Chapter Sponsors (continued)

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

Novoset LLC

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



March 2017

Society for the Advancement of

Material and Process Engineering

New Jersey Chapter

Sponsor of the Month: Broadview Technologies Inc.



In addition to its diverse range of products, Broadview differentiates itself through providing personalized lab support, technical expertise and customized formulations. We are committed to working with our customers to enhance their products' performance, as well as to providing quality, safety and environmental care.

Products include:

Flame Retardants: A new revolutionary flame retardant intumescent agent, INTUMAX® is ideal for incorporation into thermoset coatings and foams, potting compounds, and fiberglass reinforced structures.

Epoxy curing agents: Anhydride curing agents for epoxy resins offer a wide range of versatility, coupled with effective cost savings.

Specialty Plasticizers: Resinous plasticizers especially suitable for plasticizing film forming materials.

. For more information, contact:

Jason Tuerack **Broadview Technologies**7-33 Amsterdam St., Newark, NJ 07105

Tel: 973.465.0077 Fax: 973.465.7713

jtuerack@broadview-tech.com



