

Society for the Advancement of Material and Process Engineering

New Jersey Chapter



We are Pleased to Present the Featured Guest Speakers for our April 2nd Meeting:

NYU Student SAMPE Research Papers

***Three students from the
newly formed NYU Student
Chapter will present progress
on their research efforts***

Video Imaging and Analysis of Nano-Liter Scale Micro-Pin Printed Droplets

Valentina D'Costa

High Strain Rate Mechanical Testing of Composites by the Split-Hopkinson Bar Technique

Steven Eric Zeltmann

Infrared Squid Camouflage

Sean Winchester

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 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.





2014 – 2015 Meeting Schedule

September 4, 2014 – Tom Farnan, Cimquest Inc.

October 2, 2014 – Russell Caspe, Gentex Corp

October 13 - 16, 2014 – CAMX, Orlando FL, sponsored jointly by SAMPE and ACMA

November 6, 2014 – John Busel, ACMA

December 4, 2014 – Howon Lee, Rutgers

February 5, 2015 – Kenichiro Mimura, Daicel Corp.

March 5, 2015 – cancelled/snow

April 2, 2015 – Student Presentations, NYU Student Sampe Chapter

May 7, 2015 – Dikpalsinh Solanki, Structural Inc.

May 17 - 21, 2015 – SAMPE Tech, Baltimore MD

June 4, 2015 – no meeting

June 10, 2015 – Tour of Composite Prototype Center, Plainview NY (tentative)

July 16, 2015 – 32nd NJ SAMPE Golf Tournament, Picatinny Arsenal

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

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

SECRETARY

Megan Casey
Lonza Inc.
201-316-9489
megan.casey@lonza.com

PROGRAM

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

MEMBERSHIP

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

DIRECTORS

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

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



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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

Airtech International, Inc.

Peter Grantham
5700 Skylab Road
Huntington Beach, CA 95647
714-899-8100
Fax: 714-899-8179
pgrantham@airtechintl.com
www.airtechintl.com

Curtiss-Wright IMR

Russell Shaffer
222 Cameron Dr
Phillipsburg, NJ 08865
908-235-8767
rshaffer@curtisswright.com

Gentex Corporation

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

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One Parker Plaza
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Fort Lee NJ 07024
omura@daicel.us.com
www.daicel.com

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

IMR Test Labs

Bill DeLaurier
131 Woodsedge DR
Lansing, NY 14882
607-533-7000
sales@imrtest.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 Fax: 908-862-6110
eaversenti@magnaplate.com
www.magnaplate.com

AC Catalysts Inc

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

Coast Line International

Patrick McMenanin
200 Dixon Ave
Anityville, NY 11701
631-226-0500
patrickm@coast-lineintl.com

Kenrich Petrochemicals

Salvatore J. Monte
140 East 22nd St., POB 32
Bayonne, NJ 07002
201-823-9000
Fax: 201-823-0691
sjmonte@4kenrich.com
www.4kenrich.com

Composite Prototyping Center

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





Chapter Sponsors (continued)

Henkel Corporation

Robert W. Bryan
Business Dev Manager
Loctite Corporation
32100 Stephenson Highway
Madison Heights, MI 48071
248-577-5984 248-565-6191
robert.bryan@us.henkel.com
www.loctite.com

Mektech Composites Inc.

Aram Mekjian
40 Strawberry Hill Road
Hillsdale, NJ 07642
201-666-4880
Fax: 201-666-4303
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87 Main Street,
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908-470-4200
www.novoset.com

Technical Fibre Products Inc.

John Haaland
679 Mariaville Rd
Schenectady, NY 12306
518-280-8500
John.haaland@techfibres.com
www.tfpglobal.com

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Megan Casey
25 Commerce Drive
Allendale, NJ 07401
megan.casey@lonza.com
www.lonza.com

Northern Composites

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

Stiles Machinery Inc

Adam Lopuk
3965 44th Street SE
Grand Rapids, MI 49512
Cell 336-906-1977
alopuk@stilesmachinery.com
www.stilesmachinery.com

3M Corp.

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



Society for the Advancement of Material and Process Engineering

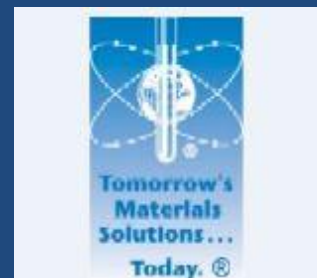


New Jersey Chapter

Sponsor of the Month General Magnaplate

General Magnaplate Corporation, Linden, New Jersey has been a supporter of NJ SAMPE since 1989. The “World Leader in providing Engineered Coatings solutions” has celebrated its 62nd year in business. The company is instrumental in providing material engineering solutions to a variety of industries including, food, packaging, oil/gas/fracking, military, energy, electronics, and aerospace just to mention a few. Of note are the contributions to mission critical issues associated with the space program via JPL. On Apollo 13, The LEM’s fuel valve, coated with TUFAM[®], operated far beyond rated capacity and brought the astronauts home safely. General Magnaplate’s proprietary process, NEDOX[®], are used as surface enhancement on all actuators of the International Space Station and, most recently, many of General Magnaplate coatings are used to provide wear and heat resistance for the Space X Dragon. The shaft and ‘cutter cups’ on the Mars Curiosity mission and the Mars Exploration Rover ‘decent-rate limiter’ are other examples of Magnaplate’s ties with Space Exploration.

General Magnaplate continues to be at the leading edge of engineered coatings by developing new surface enhancement solutions including advancements in nano- technologies and antimicrobial properties while being a ONE STOP SHOP for all metal finishing needs. Edmund Aversenti, President/COO of General Magnaplate Corporation states “General Magnaplate is extremely proud of its relationship with NJ SAMPE. The organization, over the years has been a valuable resource for keeping current on advancements and developments in the materials and processing fields. In addition, we have been given opportunities to give back to the community by sponsoring programs and giving tours of our facility”.



For more information, contact:

Edmund Aversenti
General Magnaplate Corp
1331 US Route 1
Linden, NJ 07036
908-862-6200 Fax: 908-862-6110
eaversenti@magnaplate.com
www.magnaplate.com

