

# NEWSLETTER

May 2015

## Society for the Advancement of Material and Process Engineering

### New Jersey Chapter



We are Pleased to Present the Featured Guest Speaker for our May 7th Meeting:

### *Dikpalsinh (Deep) Solanki*

*Project Manager*

*Structural Inc.*

*39 Utter Avenue*

*Hawthorne, NJ 07506*

*dsolanki@structural.net*

*www.structural.net*

### *Fiber Reinforced Polymer Work at Far Rockaway*

#### Abstract

The project, funded by the New York City Metropolitan Transit Authority, included the strengthening, encasement and painting of steel reinforced concrete columns and girders under a 5 mile stretch of the elevated subway bridge near Rockaway Park, Far Rockaway, NY.

The project used more than 600,000 square feet of uni-glass fabric with epoxy resin on 1,200 girders and 2,400 columns. Structural Inc was the subcontractor for the wrapping project which was valued at more than 7 million dollars. The project, recently completed, stands as the largest FRP wrapping project in New York City to date.

The project will be described, with particular emphasis on materials, application methods, testing and inspection procedures and lessons learned.

#### Biography

Dikpalsinh (Deep) Solanke received a Bachelor of Civil Engineering degree from S.V.I.T, Vasad, India in June 2006 and a Master of Science in Construction Management from Stevens Institute of Technology in 2008. He has been working for Structural Preservation Systems, now Structural Inc., since November 2008. As a project engineer, he has been involved in a number of structural rehabilitation projects in the NY metropolitan area, including both residential and commercial buildings.

#### 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.



# NEWSLETTER

May 2015

## Society for the Advancement of Material and Process Engineering

### New Jersey Chapter



### 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

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



# NEWSLETTER

May 2015

## 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

##### Special Note:

We have just learned of the passing of Dick Reiter in August 2014. Dick was chapter president in 1983-1984. He served as a Naval Engineering Officer in WWII in both Atlantic and Pacific theatres. His professional career spanned 41 years at National Starch and Chemical in Bound Brook NJ (now a Dow Chemical facility), retiring as VP of R&D. He was married to Lenore, who predeceased him, for 69 years. He is survived by 3 daughters, 2 sons, 14 grandchildren and 8 great grandchildren.



# NEWSLETTER

May 2015

## 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 – 2015 Borys 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)



# NEWSLETTER

May 2015

## Society for the Advancement of Material and Process Engineering

New Jersey Chapter



### 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 EPD**

Russell Shaffer  
1185 Feather Way  
Bethlehem, PA 18015  
908-235-8767  
[rshaffer@curtisswright.com](mailto:rshaffer@curtisswright.com)

#### **Gentex Corporation**

Russell Caspe  
PO Box 315  
Carbondale, PA 18407  
570-282-8588  
[rcaspe@gentexcorp.com](mailto:rcaspe@gentexcorp.com)

#### **Daicel USA Inc.**

Masaya Omura  
One Parker Plaza  
400 Kelby St  
Fort Lee NJ 07024  
[omura@daicel.us.com](mailto:omura@daicel.us.com)  
www.daicel.com

#### **Evonik Corporation**

Borys Schafran  
299 Jefferson Rd  
Parsippany, NJ 07054  
973-929-8172  
[borys.schafran@evonik.com](mailto:borys.schafran@evonik.com)  
www.evonik.com

#### **IMR Test Labs**

Bill DeLaurier  
131 Woodsedge DR  
Lansing, NY 14882  
607-533-7000  
[sales@imrtest.com](mailto:sales@imrtest.com)

#### **Fabric Development Inc.**

Mary P. Shafer  
1217 Mill Street  
Quakertown, PA 18951  
215-536-1420  
[mshafer@fabricdevelopment.com](mailto: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](mailto: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](mailto: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](mailto: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](mailto:sjmonte@4kenrich.com)  
[www.4kenrich.com](http://www.4kenrich.com)

#### **Composite Prototyping Center**

Leonard Poveromo  
121 Express Street  
Plainview NY 11803  
631-875-2200  
[lpoveromo@compositepro.org](mailto:lpoveromo@compositepro.org)  
[www.compositepro.org](http://www.compositepro.org)



# NEWSLETTER

May 2015

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



### Chapter Sponsors (continued)

---

#### **Lonza Inc.**

Megan Casey  
25 Commerce Drive  
Allendale, NJ 07401  
[megan.casey@lonza.com](mailto:megan.casey@lonza.com)  
[www.lonza.com](http://www.lonza.com)

#### **Mektech Composites Inc.**

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

#### **Novoset LLC**

Dr. Sajal Das  
87 Main Street,  
Peapack, NJ 07977  
908-470-4200  
[www.novoset.com](http://www.novoset.com)

#### **Technical Fibre Products Inc.**

John Haaland  
679 Mariaville Rd  
Schenectady, NY 12306  
518-280-8500  
[John.haaland@techfibres.com](mailto:John.haaland@techfibres.com)  
[www.tfpglobal.com](http://www.tfpglobal.com)

#### **Northern Composites**

Michael Leedie  
102 Tide Mill Road  
Hampton, NH 03842  
860-550-3240  
[mleedie@northerncomposites.com](mailto:mleedie@northerncomposites.com)  
[www.northerncomposites.com](http://www.northerncomposites.com)

#### **Stiles Machinery Inc**

Adam Lopuk  
3965 44th Street SE  
Grand Rapids, MI 49512  
Cell 336-906-1977  
[alopuk@stilesmachinery.com](mailto:alopuk@stilesmachinery.com)  
[www.stilesmachinery.com](http://www.stilesmachinery.com)

#### **3M Corp.**

Kevin Merlini  
Aerospace & Coml Trans Div.  
325 Cherry Lane  
Glenside PA 19038  
215-327-3842  
[kwmerlini@mmm.com](mailto:kwmerlini@mmm.com)  
[www.3m.com](http://www.3m.com)



# NEWSLETTER

May 2015

## Society for the Advancement of Material and Process Engineering



New Jersey Chapter

Sponsor of the Month Coast-Line International

Coast-Line supplies engineered materials for composite, aerospace, marine, automotive, armor, glass and the industrial industries. We specialize in everything under the bag to the tool!

We have stocking locations in NY, GA, MA and have personnel available at all our locations to give technical assistance and recommendations on abrasives, adhesive film, aerospace sealants, breather and bleeder cloths, clean room products, connection valves, core material, cutting tools, disconnects, epoxy resins, flow mediums, fuel tank sealants, health & safety products, hoses, hot bonders, packaging material, pre-preg, pressure sensitive tapes, release film, release liquids, repair sealants, technical fabrics - fiberglass, kevlar, aramid, hybrids, tooling products, vacuum bagging films, vacuum pumps and more.

Our products are manufactured with the highest quality standards by the leading manufacturers of technologically advanced and proven products. Some of these manufacturers include: Airtech, Hexcel, 3M Aerospace Sealants, Zip Chem, General Plastics, Mask-Off, Valutek, Wichitech, Busch Pumps and more ...

**Coast Line International**

**Patrick McMenanin**

**200 Dixon Ave**

**Anityville, NY 11701**

**631-226-0500**

**(c) 516-532-3831**

**[patrickm@coast-lineintl.com](mailto:patrickm@coast-lineintl.com)**

