

**SOCIETY FOR THE ADVANCEMENT  
OF MATERIAL AND PROCESS  
ENGINEERING**

**NEW JERSEY CHAPTER**

**DECEMBER NEWSLETTER & MONTHLY NOTICE  
DECEMBER 2, 2010 (1<sup>ST</sup> THURSDAY)**

**HAPPY HOLIDAYS AND HAPPY NEW YEAR**

**COMPOSITES IN WIND ENERGY**

**PETER TOOHEY**

**Senior Business Manager - Crosslinkers**

**Evonik Degussa**

**379 Interpace Parkway**

**Parsippany, NJ 07054-0677**

**Phone: 973-541-8465/Fax: 973-541-8460**

**Email: [pete.toohey@evonik.com](mailto:pete.toohey@evonik.com)**

**MEETING DETAILS**

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

Time: 5:30 Cocktails (Cash Bar); 6:15 Dinner; 8:30 Adjourn

Cost: \$10.00 Advanced Registration; \$15.00 at Door; Students - Free

**This meeting is open to all SAMPE members, spouses, guests, and other interested parties**

Reservations please contact John Osterndorf at 973-248-5885 or by email at [sampejohn@yahoo.com](mailto:sampejohn@yahoo.com)  
by noon the 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.

**SAMPE Best Chapter Award Winner:**

**1990, 1991, 1992, 1993, 1995, 1996, 1997, 1998, 1999, 2000, 2001**

**SAMPE Chapter Service Excellence Award Winner:**

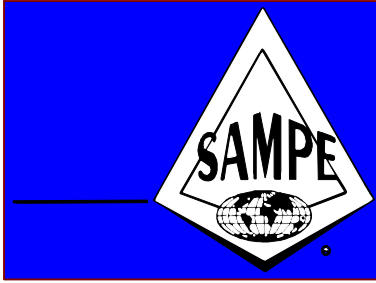
**2002, 2003, 2004, 2005, 2006** (award retired after 2006)

**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 )

**ISEC** – 1994( Parsippany )



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**2010 – 2011 MEETING SCHEDULE**

|  |  |
|--|--|
| September 9, 2010 – Henkel’s Approach to Reduction to Hexavalent Chrome in Conversion Coatings, Matthew Clark, Henkel Corporation, Madison Heights, MI     | March 3, 2011 – TBD  |
| October 7, 2010 – Improved Performance of Polyaryl Ether Amide Matrix Resins, Borys Schafran, Evonik Degussa Corporation, Parsippany, NJ                   | April 1, 2011 – TBD  |
| October 11 – 14, 2010 42 <sup>st</sup> International SAMPE Technical Conference, Salt Lake City, UT Sponsored by the Utah Chapter                          | May 5, 2011 – Metal Composite Hybrid Materials: Air, Land and Sea Products, James F. Stevenson, Honeywell Aerospace, Morristown, NJ                              |
| November 4, 2010 – Non Destructive Inspection of Composite Structures Using Line Scanning Thermography, Obdulia Ley, Mistras Group, Princeton Junction, NJ | May 17 – 20, 2011 – 55 <sup>th</sup> International SAMPE Symposium & Exhibition, Long Beach Convention Center, Long Beach, WA Sponsored by Orange County Chapter |
| December 2, 2010 – Composites in Wind Energy, Peter Toohey, Evonik Degussa, Parsippany, NJ   | June 2, 2011 – TBD   |
| February 3, 2011 – TBD   | July 7, 2011 – 28 <sup>th</sup> Annual NJ SAMPE Golf Tournament, Picatinny Arsenal, NJ   |

**Notes ....** The NJ Chapter sponsors a student chapter at Drexel University.

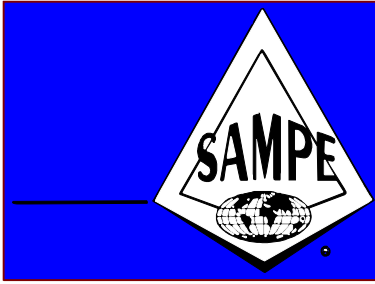
**NOVEMBER MEETING**

At the November meeting, Dr. Obdulia Ley gave an excellent presentation entitled Non Destructive Inspection of Composite Structures Using Line Scanning Thermography. The New Jersey Chapter wishes to thank Dr. Obdulia Ley for the excellent presentation.

**UPCOMING CONFERENCES**

**SAMPE 2011 – ISS&E – Long Beach CA. May 23 - 26, 2011  
Sponsored by SAMPE Orange County Chapter**

**SAMPE 2011 – ISTC – Forth Worth, TX – Oct. 17 -20, 2011  
Sponsored by SAMPE Dallas/Fort Worth Chapter**



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**COMPOSITES IN WIND ENERGY**

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**Email: [pete.toohey@evonik.com](mailto:pete.toohey@evonik.com)**

**ABSTRACT:**

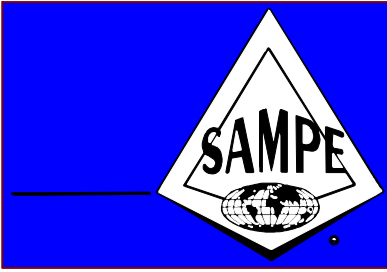
The presentation will include historical growth of wind power in the recent past, as well as, some projections, trends, challenges and opportunities for the future growth of composite materials in wind power. Comparison of various materials of construction of wind turbines will also be discussed.

**BIOGRAPHY:**

Pete Toohey is a Senior Business Manager for Evonik Degussa Corporation (formerly known Degussa, Creanova and Huels), focusing on the Composites and Construction Markets in NAFTA. He has been there 21 years with marketing responsibility for epoxy and powder coatings technologies. Prior to Evonik he worked 14 years in sales for Bayer (a.k.a., Miles, Mobay) in their Polyurethane division.

He received a Bachelor's Degree in Chemistry and Psychology from the University of Pennsylvania and an MBA in Marketing from Fairleigh Dickinson University. He has over 35 years of Sales and Marketing experience in the chemicals industry.

He is also an Executive Committee member of the Thermoset Resins Formulators Association, where he also chairs their Composites Committee.



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**2012 International SAMPE Technical Conference  
Charleston, SC**

At the SAMPE Board of Directors Meeting held in Salt Lake City on October 11, 2010, the New Jersey Chapter of SAMPE was awarded Major Sponsorship of the 2012 International SAMPE Technical Conference (ISTC) which will be held in Charleston, SC on October 22 to 25, 2012. A newly chartered Carolinas Chapter will be invited to join the New Jersey Chapter as the Minor Sponsor.

The Theme of the Conference is:

**The New Composites: Innovative, Sustainable, Renewable**

The New Jersey Chapter brings one of the most experienced and veteran teams in SAMPE history with respect to sponsorship of ISTC and ISS&E events. Mr. Ben Rasmussen will be the General Chairman, Dr. Howard Kliger, Dr. Louis Pilato and Mr. Borys Schafran will be the Technical Co-Chairman, Mr. John Osterndorf will be the Finance Chairman and Mr. Tony Constantino will be the Conference Exhibits Liaison.

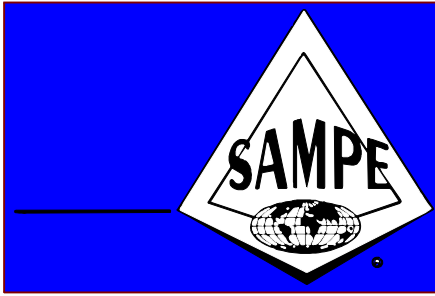
**NEW JERSEY IS NOW ON FACEBOOK**

In addition to the Chapter's web page (<http://www.njsampe.org>), a new Facebook page has been launched at

<http://www.facebook.com/pages/NJ-SAMPE/120070431354474?filter=2>

With the popularity of social networking on the rise, NJ SAMPE is reaching out to students and young professionals with an interest in materials engineering. Facebook provides for 'virtual' participation in the activities of our Chapter, as well as a variety of discussions on newsworthy items affecting our industry. The Chapter has been active with monthly meetings and conference sponsorships since 1970, and we wish to expand our presence in the online community. Want to know more? Join the growing group of Facebook members that 'Like' our page and post your own thoughts. We welcome your participation and please, spread the word!

So visit our Facebook Page and get back to us with your recommendations and ideas and critiques. Please send them to Borys Schafran at [borys.schafran@evonik.com](mailto:borys.schafran@evonik.com).



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**NEW MEMBERS**

**The New Jersey Chapter would like to welcome the following new chapter members:**

*Megan Casey*

*Lonza Incorporated*

*Jill Conley*

*E. I. Dupont*

*Richard Clouse*

*ITT*

*Yuan Peng*

*GG Bearings*

*Richard Price*

*Park Electrochemical Corp*

*John Rockey*

*American GFM Corp*

*Alexander Vallee*

*General Electric*

*Ed Wen*

*Aurora Flight Sciences*

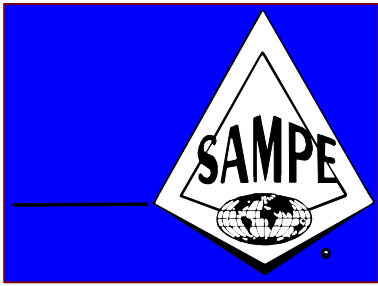
*Lawrence Yaple*

*Composiflex Inc*

*Yosang Yoon*

*GE Global Research*

**THE EXECUTIVE BOARD OF THE NEW JERSEY  
CHAPTER WISHES ITS MEMBERS AND FRIENDS A  
HAPPY HOLIDAY AND A HAPPY NEW YEAR**



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### EXECUTIVE BOARD

#### **CHAIRMAN:**

**Benjamin M. Rasmussen**  
BMR Associates  
908-561-0796/fax: 908-753-7917  
[bmassociates@netcarrier.com](mailto:bmassociates@netcarrier.com)

#### **VICE CHAIRMAN:**

**Gail D. DiSalvo**  
GTD Consulting  
908-953-0849/fax: 908-766-6373  
[disalvogail@aol.com](mailto:disalvogail@aol.com)

#### **TREASURER:**

**John F. Osterndorf**  
973-248-5885 (cell)  
[sampejohn@yahoo.com](mailto:sampejohn@yahoo.com)

#### **SECRETARY:**

**Borys Schafran**  
Evonik Degussa Corporation  
Tel 973-541-8172/fax 973-541-8161  
[borys.schafran@evonik.com](mailto:borys.schafran@evonik.com)

#### **PROGRAMS:**

**Tony Constantino**  
Fiber-Line Inc  
215-997-9181/Cell : 267-885-7144  
[teconstantino@fiber-lineinc.com](mailto:teconstantino@fiber-lineinc.com)

#### **MEMBERSHIP :**

**Jane Arlauskas**  
Evonik Degussa Corporation  
973-541-8165  
[jane.arlauskas@evonik.com](mailto:jane.arlauskas@evonik.com)

#### **DIRECTORS:**

**Howard S. Kliger**  
732-469-7646  
[hskliger@comcast.net](mailto:hskliger@comcast.net)  
**Louis A. Pilato**  
Pilato - Consulting  
732-469-4057/fax: 732-764-9747  
[lapilato@optonline.net](mailto:lapilato@optonline.net)  
**Benjamin M. Rasmussen**  
BMR Associates  
908-561-0796/fax: 908-753-7917  
[bmassociates@netcarrier.com](mailto:bmassociates@netcarrier.com)

#### PAST CHAIRMAN:

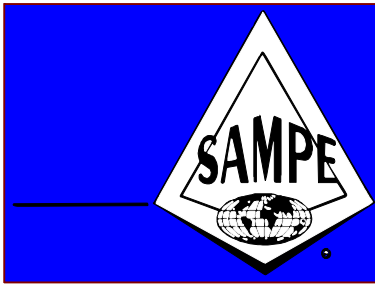
1977 – 1978 Raymond F. Wegman  
1978 – 1979 William J. Russell  
1979 – 1980 Michael Michno  
1980 – 1981 Fred H. Ancker  
1981 – 1982 Natalia Chujko  
1982 – 1983 Robert J. Narsavage  
1983 – 1984 Richard W. Reiter  
1984 – 1985 Howard S. Kliger  
1985 – 1986 John Burlage  
1986 – 1987 John F. Osterndorf  
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 Anterpen  
1996 – 1997 Kathleen A. Froelich  
1997 – 1998 Gail D. DiSalvo  
1998 – 1999 Ash Chopra  
1999 – 2010 Benjamin M. Rasmussen

#### SAMPE FELLOWS:

1985 Raymond F. Wegman  
1987 Dr. Carl H. Zweben  
1989 Robert Pickney  
1990 Dr. Frank K. Ko  
1992 Fred H. Ancker  
1993 Leonard Poveromo  
1999 Dr. Howard S. Kliger  
2001 Dr. Louis A. Pilato  
2001 Harry S. Katz

#### SENIOR HONORARY MEMBERS:

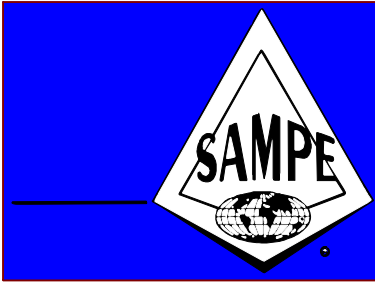
Richard G. Adams  
Edward A. Gallagher  
Charles N. Muldrow  
William D. Timmons  
Raymond F. Wegman



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| <p><b>ACTEGA Radcure, Inc.</b><br/> <b>Jim Wittig</b><br/> <b>5 Mansard CT.</b><br/> <b>Wayne, NJ 07470</b><br/> <b>Tel: +1 973 808 1002</b><br/> <b>Fax: +1 973 808 6886</b><br/> <a href="mailto:jim.wittig@altana.com">jim.wittig@altana.com</a><br/> <a href="http://www.actega.com">www.actega.com</a></p>                                 | <p><b>A &amp; P Technologies</b><br/> <b>Andrew A. Head</b><br/> <b>4595 East Tech Drive</b><br/> <b>Cincinnati, OH 45245</b><br/> <b>513-688-3200</b><br/> <b>Fax: 513-688-3201</b><br/> <a href="mailto:ahead@braider.com">ahead@braider.com</a><br/> <a href="http://www.braider.com">www.braider.com</a></p>                               | <p><b>Engineered Fibers Technology</b><br/> <b>Robert E. Evans</b><br/> <b>25 Brook Street</b><br/> <b>Shelton, CT 06484</b><br/> <b>203-922-1810, X335</b><br/> <b>Fax: 203-922-1814</b><br/> <a href="mailto:efiberstec@aol.com">efiberstec@aol.com</a><br/> <a href="http://www.EFTfibers.com">www.EFTfibers.com</a></p>         |
| <p><b>Airtech International, Inc.</b><br/> <b>Peter Grantham</b><br/> <b>5700 Skylab Road</b><br/> <b>Huntington Beach, CA 95647</b><br/> <b>714-899-8100</b><br/> <b>Fax: 714-899-8179</b><br/> <a href="mailto:pgrantham@airtechintl.com">pgrantham@airtechintl.com</a><br/> <a href="http://www.airtechintl.com">www.airtechintl.com</a></p> | <p><b>Alcan Baltek Corporation</b><br/> <b>Marc A. Anderson</b><br/> <b>108 Fairway Court</b><br/> <b>Northvale, NJ 07647</b><br/> <b>201-767-1400</b><br/> <b>Fax: 201-387-6631</b><br/> <a href="mailto:marc.anderson@alcan.com">marc.anderson@alcan.com</a><br/> <a href="http://www.alcanbaltek.com">www.alcanbaltek.com</a></p>           | <p><b>Evonik Degussa Corporation</b><br/> <b>Borys Schafran</b><br/> <b>379 Interpace Parkway</b><br/> <b>Parsippany, NJ 07054</b><br/> <b>973-541-8172</b><br/> <b>Fax: 973-541-8161</b><br/> <a href="mailto:borys.schafran@evonik.com">borys.schafran@evonik.com</a><br/> <a href="http://www.evonik.com">www.evonik.com</a></p> |
| <p><b>Argosy International Inc.</b><br/> <b>Paul Marks</b><br/> <b>14 Penn Plaza</b><br/> <b>New York, NY 10001</b><br/> <b>(212) 268-0003, X101</b><br/> <a href="mailto:pmarks@argosyinternational.com">pmarks@argosyinternational.com</a><br/> <a href="http://www.argosyinternational.com">www.argosyinternational.com</a></p>              | <p><b>Bryte Technologies</b><br/> <b>Chuck Chakrabarti</b><br/> <b>1235 Beacon Hill Crossing</b><br/> <b>Alpharetta, GA 30005</b><br/> <b>(770) 475-7977</b><br/> <b>Fax: (770) 475-7477</b><br/> <a href="mailto:cchakrabarti@brytotech.com">cchakrabarti@brytotech.com</a><br/> <a href="http://www.brytotech.com">www.brytotech.com</a></p> | <p><b>Fabric Development Inc.</b><br/> <b>Mary P. Shafer</b><br/> <b>1217 Mill Street</b><br/> <b>Quakertown, PA 18951</b><br/> <b>215-536-1420</b><br/> <a href="mailto:mshafer@fabricdevelopment.com">mshafer@fabricdevelopment.com</a><br/> <a href="http://www.fabricdevelopment.com">www.fabricdevelopment.com</a></p>         |



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| <p><b>General Magnaplate</b><br/>Edmund Aversenti<br/>1331 US Route 1<br/>Linden, NJ 07036<br/>908-862-6200<br/>Fax: 908-862-6110<br/><a href="mailto:eaversenti@magnaplate.com">eaversenti@magnaplate.com</a><br/><a href="http://www.magnaplate.com">www.magnaplate.com</a></p>                              | <p><b>Kenrich Petrochemicals</b><br/>Mr. Salvatore J. Monte<br/>140 East 22<sup>nd</sup> St., POB 32<br/>Bayonne, NJ 07002<br/>201-823-9000<br/>Fax: 201-823-0691<br/><a href="mailto:sjmonte@4kenrich.com">sjmonte@4kenrich.com</a></p>                            | <p><b>Northern Fiber Glass Sales</b><br/>Richard Hewitt<br/>PO Box 2010<br/>Hampton, NH 03843-2010<br/>603-926-1910, ext. 16<br/>Fax: 603-926-0598<br/><a href="mailto:rvh@nfgsales.com">rvh@nfgsales.com</a><br/><a href="http://www.NFGSales.com">www.NFGSales.com</a></p>  |
| <p><b>Gerber Technology Inc</b><br/>Dudley Fenn<br/>24 W. Industrial Park Road<br/>Tolland, CT 06084<br/>860-871-8082<br/>Fax: 860-871-3730<br/><a href="mailto:dfenn@gerbertechnology.com">dfenn@gerbertechnology.com</a></p>   | <p><b>Loctite Corporation</b><br/>George Newton<br/>1001 Trout Brook Crossing<br/>Rock Hill, CT06067<br/>315-492-7571<br/><a href="mailto:george.newton@us.henkel.com">george.newton@us.henkel.com</a><br/><a href="http://www.loctite.com">www.loctite.com</a></p> | <p><b>Prince Sports Incorporated</b><br/>Steve Davis<br/>One Advantage Court<br/>Bordentown, NJ 08505-7620<br/>609-291-5800<br/><a href="mailto:stevedavis@princesports.com">stevedavis@princesports.com</a><br/><a href="http://www.princesports.com">www.princesports.com</a></p>                                       |
| <p><b>GTD Consulting</b><br/>Gail DiSalvo<br/>127 Rippling Brook Way<br/>Bernardsville, NJ 07924<br/>908-953-0849<br/>Fax: 908-766-6373<br/><a href="mailto:gail.disalvo@att.net">gail.disalvo@att.net</a></p>   | <p><b>Lonza Group</b><br/>Sajal Das<br/>90 Boroline Road<br/>Allendale, NJ 07401<br/>201-316-9218<br/><a href="mailto:sajal.das@lonza.com">sajal.das@lonza.com</a><br/><a href="http://www.lonza.com">www.lonza.com</a></p>   | <p><b>Utility Development</b><br/>Harry Katz<br/>112 Nylon Road<br/>Livingston, NJ 07039-1006<br/>973-994-4334<br/>Fax: 973-994-3341<br/><a href="mailto:Harryskatz@aol.com">Harryskatz@aol.com</a><br/><a href="http://www.udccorp.com">www.udccorp.com</a><br/><a href="http://www.radcure.com">www.radcure.com</a></p> |
| <p><b>Henkel Aerospace</b><br/>Michael Portwood<br/>2850 Willow Pass Road<br/>Bay Piont, CA 94565<br/>925-458-8000<br/>Cell 717-817-1532<br/><a href="mailto:Michael.portwood@us.henkel.com">Michael.portwood@us.henkel.com</a><br/><a href="http://www.aerospace.henkel.com">www.aerospace.henkel.com</a></p> | <p><b>Mektech Composites Inc.</b><br/>Aram Mekjian<br/>40 Strawberry Hill Road<br/>Hillsdale, NJ 07642<br/>201-666-4880<br/>Fax: 201-666-4303<br/><a href="mailto:mekmail@prodigy.net">mekmail@prodigy.net</a></p>  | <p><b>3M Aerospace</b><br/>Renee Rainboth<br/>3M Center<br/>St. Paul, MN 55144-1000<br/>(856) 769-8565<br/>Fax: (856) 769-8566<br/><a href="mailto:rarainboth@mmm.com">rarainboth@mmm.com</a><br/><a href="http://www.3m.com">www.3m.com</a></p>  |



