

We are pleased to present the featured Guest Speaker for our November 1st Meeting:

PHENOLIC RESINS FOR ADVANCED COMPOSITES, 2018

*Louis Pilato, PhD,
Pilato Consulting*

Abstract

Fiber reinforced composites consist of a polymeric resin with a strong reinforcing fiber. Preferred resin systems are thermosetting type polymers combined with fibers such as glass, carbon or aramid. Phenol formaldehyde or phenolic resin is the oldest synthetic resin (1907). It enjoys an enviable position in selective high performance and advance composite uses due to its favorable FST (low fire, smoke and toxicity) characteristics and economics. Phenolic composites are the material of choice for aircraft interiors, aircraft paneling, and cargo

liners. Phenolic is the preferred resin for the production of honeycomb used in aircraft flooring. Other application areas that benefit from the use of phenolic composites are oil offshore platforms, ballistic components, electrical conduit in tunnels, and carbon carbon composites.

Biography

Dr. Pilato possesses over 30years' experience in FRP systems and has been engaged in a variety of composite fabrication methods primarily with thermosetting resins. He has over 40 years' experience in Phenolic Resin Technology and has presented several tutorials on Bio-Based Polymers and Composites, Nanotechnology as well as Resin Matrix Systems during CAMX and SAMPE International Conferences.

Meeting Details

Place: Bridgewater Manor, Bridgewater, NJ;
(908) 658-3000 Time: 5:45 – 8:30 pm

Cost: \$25.00 at the door. Free for students. Cash, check and PayPal options are available. This meeting is open to all SAMPE members, spouses, guests and other interested parties. For reservations or questions, please 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.



2018 – 2019 Meeting Schedule

September 6, 2018 – Melissa Jaime, SolEpoxy

October 4, 2018 – Bob Lin, Evonik

October 15-18, 2018 – CAMX, Dallas TX

November 1, 2018– Louis Pilato, Pilato Consulting

December 6, 2018– TBD

February 17, 2019 – Joint meeting with ASM

March 7, 2019 – TBD

April 4, 2019 – Students Night

May 2, 2019 – TBD

May 20-23, 2019 – SAMPE 2019, Charlotte NC

New Jersey Chapter

Executive Board

BENJAMIN M. RASMUSSEN CHAIR

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

TREASURER

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

SECRETARY

Amir Islam
Bally Ribbon Mills
610-845-2211
amirislam@ballyribbon.com

PROGRAMS

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

MEMBERSHIP

Melissa Jaime
SolEpoxy
716-372-6300
melissa.jaime@solepoxy.com

STUDENTS

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

ADVISORS-AT-LARGE

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

Louis A. Pilato
Pilato - Consulting
732-469-4057
lapilato@optonline.net

DIRECTOR

Borys Schafran
Evonik Jayhawk Fine Chemicals
620-210-4006
borys.schafran@evonik.com

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 – 2018 Borys F. Schafran
2019 - Russell Caspe

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

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)

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

Ames Rubber Corporation

Ben Bordoloi
19 Ames Boulevard
Hamburg, NJ 07419
Ben.bordoloi@amesrubber.com
www.amesrubber.com

Bally Ribbon Mills

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

Evonik Jayhawk Fine Chemicals Corp.

Borys Schafran
8545 SE Jayhawk Drive
Galena, KS 66739
620-210-4006
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



Chapter Sponsors

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

SolEpoxy Inc.

Melissa Jaime
211 Franklin Street
Olean, NY 14760
716-372-6300 x151
www.solepoxy.com

SGL Group

Paul Cylenica
10130 Perimeter Parkway
Charlotte NC 28216
914-215-3452
Paul.cylenica@sglgroup.com

Technical Fibre Products Inc.

John Haaland
679 Mariaville Road
Schenectady, NY 12306
518-280-8500
john.haaland@tfp-americas.com
www.tfpglobal.com

3HTi

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

Sponsor of the Month: 3HTi

3 HTi was founded in 2002 with the core principle to serve our customers with our relationship-oriented process.

3 HTi is an authorized PTC Channel Advantage Reseller and provides a full line of PTC Software and complimentary solutions including: Creo (formerly Pro/ENGINEER), Relex, Arbortext, Mathcad, and Windchill. 3 HTi is a consultant and reseller for: NCSIMUL; Mentor Graphics FloEFD; Moldex3D: Mold Design/Analysis; and Stratasys 3D Printers

With over 210 years of industry experience, we help you develop the right combination of tools and processes to support your workflow. Our services include software and hardware support, temporary and permanent staffing,

contract design work, and contract manufacturing

3 HTi provides PTC Certified Training Classes to Advance your Company's Resources and Investments.

Every week at our training facilities our staff of certified trainers teaches another group of students how to use Creo (formerly Pro/ENGINEER), Windchill, Mathcad, Arbortext, Relex, and Productview as well as other products to achieve their companies' business objectives.



For more information,
please contact:

3HTi
Garry Hoffman
3000 Atrium Way #296
Mt. Laurel, NJ 08054
866-624-3HTi