

We are pleased to present the following speaker for our April 22nd virtual meeting – Details to follow!

A Visit with SAMPE's new Chief Technology Officer

Raj Manchanda
raj@sampe.org

Abstract

Raj will address the future of technology and how SAMPE will play a role in that evolution. As a start, SAMPE is sponsoring a Materials Innovation & Advanced Technology Leadership Forum Conference. The Conference Committee is seeking a limited number of state-of-the-art, applications-oriented presentations highlighting the following areas:

- Global Advances in Automation of Composite Materials Manufacturing
- High Rate Processing & Materials
- Certification of New Composites Applications

The committee is looking for original ideas on the above topics that will appeal to the leaders and innovators of the industry. Please submit a 300-word abstract, proposed title of your presentation and full contact details by June 1, 2021 to MaterialsForum@sampe.org. Selected abstracts will be considered for presentation at the upcoming SAMPE Materials Innovation & Advanced Technology Leadership Forum in early 2022 in beautiful Southern California.

Continued on Page 2

MEETING DETAILS

This will be a virtual meeting utilizing Microsoft Teams. There is no charge for the meeting, which will begin at 12 noon on Thursday, April 22.

**Log-in details will follow with
an email blast in a few days.
Save the date/time**

Page 2

Biography

Raj Manchanda serves as the Chief Technology Officer at the Society for the Advancement of Material and Process Engineering (SAMPE North America). Raj is responsible for overseeing all technical aspects and technological resources and establishing technical programming strategy and execution for the Society. His team also ensures technical relevancy by conducting research to ensure SAMPE NA's technical programming is relevant to market needs. Prior to joining SAMPE, Raj was a training/brand/alliance executive at HYTORC – an industrial bolting systems manufacturer. Additionally, he has also held various positions over 20+years at

ASME. Raj holds a MBA from Baruch College's Zicklin School of Business and a Mechanical Engineering degree from Boston University.

Stay in-touch...

Join our Community by Following NJ SAMPE on LinkedIn: [LinkedIn](#)

Check on any news updates on our Instagram page: [Instagram](#)

Find additional information on our Website: <https://njsampe.org/>

2020– 2021 Meeting Schedule

**September 17, 2020 – Jacob Shevrin,
Evonik Corp.**

**September 21-24 – CAMX, On-Line
Conference**

**October 15 Golf Outing, Picatinny
Arsenal**

**December 3, 2020 – Brian Kleinheinz,
BYK Inc.**

**January 14, 2021 – Francisco De Caso,
Univ. Miami**

**February 4, 2021 – Richard Matthews,
Thumbprint Solutions Inc.**

**March 4, 2021 – Kelvin Fu, Univ. of
Delaware**

April 22, 2021 – Raj Manchanda, SAMPE

May 6, 2021– Gene Ward, Siltech

**May 24-27, 2021– SAMPE 2021, Long
Beach CA CANCELLED**

**June, 2021 – Additive Manufacturing
Series. Details TBA.**

New Slate of Officers for 2021-2022

**The Board has nominated the
following people to serve. If anyone
else is interested in becoming an
officer at any time, please contact
Russel I Caspe for details.**

Chair: Russell Caspe

Treasurer: Megan Casey

Secretary: Amir Islam

Membership: Melissa Jaime

Students: Joe Abrantes

Programs: Howard Kliger

Advisor-at-Large: Lou Pilato

Director: Vinay Mishra

Executive Board

BENJAMIN M. RASMUSSEN CHAIR

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

TREASURER

Megan Casey
Total Cray Valley
610-427-3534
mbc872@gmail.com

SECRETARY

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

PROGRAMS

Howard Kliger
732-469-6330
hskliger@comcast.net

MEMBERSHIP

Melissa Jaime
Vertellus LLC
973-440-2872
mjaime@vertellus.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

DIRECTORS at LARGE

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

Vinay Mishra
Jayhawk Fine Chemicals Corporation
620-202-2421
Vinay.mishra@jayhawkchem.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
John Osterndorf
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

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
Amityville, NY 1170
631-226-0500
patrickm@coast-lineintl.com

Evonik Corporation

Jose Abrantes
2 Turner Place
Piscataway, NJ 08854
732-981-5246
joe.abrantes@evonik.com

Fabric Development Inc.

Mary P. Shafer
1217 Mill Street
Quakertown, PA 18951
215-536-1420
mshafer@fabricdevelopment.com
www.fabricdevelopment.com

Gentex Corporation

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

Jayhawk Fine Chemicals Corp.

Borys Schafran
8545 SE Jayhawk Drive
Galena, KS 66739
620-210-4006
borys.schafran@jayhawkchem.com
www.jayhawkchem.com

Kenrich Petrochemicals

Salvatore Monte
PO Box 32
Bayonne, NJ 07002
201-823-9000
sjmonte@4kenrich.com
www.4kenrich.com

Novoset LLC

Dr. Sajal Das
87 Main Street,
Peapack, NJ 07977
908-470-4200
www.novoset.com

Siltech Corp

Gene Ward
610 357-0676
eugene@siltech.com
225 Wicksteed Rd
Toronto, Ontario
Canada M4H 1G5
416-424-4567
www.siltech.com

Vertellus LLC

Melissa Jaime
1705 US Highway 46, Suite 1A
Ledgewood, NJ 07852
973-440-2872
mjjaime@vertellus.com
www.vertellus.com

Sponsor of the Month: Kenrich Petrochemicals, Inc.

Kenrich Petrochemicals, Inc. provides products for the Polymer and Concrete Industries. We are a world leader in organometallic *Ken-React*[®] coupling agents with over 200 global patents having been filed over the past four decades covering titanate, zirconate and aluminate technology to create better sustainable products for our customers. The brighter flat screen on your laptop or the OLED on your PDA, the toner that prints your documents, the makeup or sunscreen you see on store shelves, the fracking that creates low cost alternate energy all are products that use *Ken-React*[®] coupling agent technology for more efficient use of raw materials developed by Kenrich Petrochemicals. In addition to *Ken-React*[®] organometallics, Kenrich also produces *Ken-Stat*[®] MZ-100, a transparent, permanent, non-blooming and non-moisture dependent antistatic agent based on bipolar layers of dissimilar trineoalkoxy zirconates. *Ken-Stat*[®] N100 is titanate based where transparency is not an issue

Ken-Stat[®] is also offered as a 60% active powder called *Ken-Stat*[®] KS MZ60S or *Ken-Stat*[®] KS N60S and 60% active water emulsifiable grades called *Ken-Stat*[®] KS MZ60WE or *Ken-Stat*[®] KS N60WE.

Established in 1945, Kenrich Petrochemicals ships their products from ISO 9001 facilities located in Decatur and Dayton, TN. Salvatore J. Monte joined Kenrich Petrochemicals in 1966. The *Ken-React*[®] product line was invented in 1973 by Monte in an effort to come up with a better way to disperse Zinc Oxide in naphthenic oils. The products are now referenced in over 4.000 ACS CAS Abstracted works by other investigators and 500 ACS-CAS Abstracted “Works by S.J. Monte” and provide a non-hydrolysis interfacial coupling agent alternative to silanes in carbon-based materials such as graphite and graphene. The newest nano-technology developments are *Ken-React*[®] KPR[®] for in situ catalysis in the polymer melt to compatibilize dissimilar condensation and

addition polymers; and *Ken-React*[®] KCM[®] for surface modification of Portland cement to reduce the water to cement ratio by 31%, prevent efflorescence, and compatibilize polymers into water-based mortars and concrete.

For more information,
please contact:

Salvatore J. Monte
sjmonte@4kenrich.com
customerservice@4kenrich.com
Kenrich Petrochemicals, Inc,
PO Box 32
Bayonne, NJ 07002
Tel: +1-201-823-9000
<http://www.4kenrich.com>

POSITIONS WANTED Please keep your fellow NJ SAMPE Colleagues in mind while searching for your next great employee!

Phil Allen

Experienced formulator seeking Technical Service, Technical Sales, Technical Director, or Formulator position - Philadelphia area or remote.

- Vice President of Thermoset Resin Formulators Association.
- 2018-2020 Technical Service Chemist, Huntsman (acquired CVC Thermoset Specialties) Supported formulator customers of specialty epoxy resins and CTBN toughening agents.
- 2010-2018 R&D Chemist, ITW Performance Polymers Formulation and technical service of products in a variety of thermoset chemistries and applications.

Contact: (215) 620-7764
uc_phil@yahoo.com

Jay Shin

Chemical engineering Ph.D. candidate with expertise in polymer & composite material development and process design applying material characterization, process modeling, in situ process diagnostics, and process simulation.

Experienced in defining new scientific and engineering problems, developing research hypotheses and plans, conducting project financial analysis, and evaluating impact of implemented changes.

Hands-on experience in collaborating with industries, communicating research data and deliverables to audiences of all levels through periodic status reports and executive-level board meeting presentations. Strong ability and willingness to acquire new knowledge & skills and take diverse roles in different industries.

Contact: (213) 500-1302
shinjung@usc.edu