April 2018

Society for the Advancement of

Material and Process Engineering

New Jersey Chapter

We are pleased to present Student Night for our April 5th Meeting:

STUDENT NIGHT Speakers

Muhammad Usman Ahsan Mechanical Engineering New York University, Class of 2018

"Characterization of Zinc-Matrix Syntactic Foams"

Kaylee A. Dunnigan, Chemical/Biomolecular Engineering New York University, Class of 2020

"Unexpected Aldehyde Reduction by Titanium Alkoxides"

Other speakers may be added to the program. Please make a special effort to attend and support our student members.

A New Slate of Officers for 2018-2019

In addition to our evening program, attending members will be asked to approve a slate of incoming officers for next year. The Board has nominated the following people to serve. If anyone else is interested in becoming an officer at any time, please contact Borys Schafran 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: Borys Schafran

MEETING DETAILS

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

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Cost: \$20.00 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 <u>mbc872@gmail.com</u> 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.



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2017 – 2018 Meeting Schedule

Sampe New Jersey

September 7, 2017 – Akm Samsur Rahman, New York City Technology College

October 5, 2017 – Dan Kling, Foldstar Inc.

November 2, 2017 – Vinay Mishra, Dixie Chemical

December 7, 2017 – Steve Medlar, Rutgers Univ

December 11-14, 2017 - CAMX, Orlando FL, sponsored jointly by SAMPE and ACMA

February 1, 2018 – John Melilli, Composite Automation, LLC

March 1, 2018 – Ed Aversenti, General Magnaplate

April 5, 2018 – Students Night

May 3, 2018 – Cimquest Inc. Site Visit

May 21-24, 2018 – SAMPE Long Beach CA

June 3, 2018 – Bakelite film presentation at Evonik Tech Center, Piscataway NJ June 28, 2018 – 35th NJ SAMPE Golf Outing, Picatinny Arsenal

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Executive Board

CHAIR

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SECRETARY

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DIRECTOR

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LIAISON, Student and Young Professional Outreach Joe Abrantes Evonik Corporation 732-981-5246 joe.abrantes@evonik.com

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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

SAMPE FELLOWS

Fred H. Ancker Harry S. Katz Dr. Howard S. Kliger Dr. Frank K. Ko Robert Picknev 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

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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)

2013 – 2018 Borys F. Schafran



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A&C Catalysts, Inc

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Ames Rubber Corporation

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Bally Ribbon Mills

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IMR Test Labs

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Chapter Sponsors (continued)

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



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Sponsor of the Month: Airtech Advanced Materials Group



This new year, 2018, marks the 45th anniversary of Airtech Advanced Materials Group. The company will be celebrating all year long at all worldwide locations. To celebrate the 45th anniversary, Airtech has created a custom logo that will be featured throughout 2018 and has planned company and family events through the year.

45 years ago, Airtech founder Mr. William "Bill" Dahlgren, an inspired engineer, started the business with four people in San Bernardino, California. Bill is still very much active in the family business.

The main goal of the business was to create a "one stop shop" and to manufacture vacuum bagging and composite tooling materials for the fiberglass and graphite parts industry. With a dream in mind, persistency, and lots of hard work, the company grew to over 800 employees, manufacturing in five different locations – Huntington Beach, CA (corporate headquarters); Springfield, TN; Differdange, Luxembourg; Chadderton ,England; and Tianjin, China.

Airtech is still privately owned and operated, and dominates the worldwide vacuum bagging market. Airtech President/CEO Jeff Dahlgren said, "From this humble beginning, we have grown into a world class company and leaders in the field of composites. A special Thank You to our loyal employees, customers, and partners."

Airtech continues to innovate and meet the demands of its growing markets. Airtech is an ISO 9001:2008/AS9100 RevC Certified Company.

Join Airtech in celebrating throughout 2018 at all five worldwide locations.

For information, please contact:

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