

## Society for the Advancement of Materials and Process Engineering

### New Jersey Chapter



We are Pleased to Present the Featured Guest Speaker for our December 5th Meeting:

### Opportunities for Enhanced Composite Materials Utilizing Customized Nonwovens

**David Jhaveri**

**Business Development Manager  
Aerospace-Defense, Electronics and  
Conductive Fibers**

**Technical Fibre Products Inc.**

#### ABSTRACT

Technical Fibre Products (TFP) manufactures a range of high performance lightweight fibrous nonwoven veils and mats using a unique wet-forming process based on the principles of paper making. This results in very even distribution of fibers in the X-Y plane of the sheet as well as opportunities to combine fibers, particles and resins to design and engineer function to composite laminate and textile constructions.

Products are used in Aerospace/Defense, Energy Automotive, Fuel Cell, Electronic, Construction, and Transportation, Homeland Security industries. The focus of the presentation will be to share TFP's unique manufacturing capabilities and describe how custom nonwovens can be utilized to impart Conductivity, EMI Shielding, ESD- static dissipation, Radar signal management- ground plane, radar cross section reduction, Magnetic, Aesthetic, resistive heating, Lighting Strike Protection and Fire Resistant properties in a variety of applications.

#### BIOGRAPHY

David Jhaveri is currently Business development Manager at Technical Fibre Products Inc. He is responsible for the commercial aerospace and defense market segment for creating and implementing strategies to identify and secure new business opportunities for advanced nonwovens with tier-1 and tier -2 aerospace/defense prime contractors. Additionally, he is responsible for product management and sales of highly conductive metal plated carbon fiber tow products.

David has an undergraduate degree in Chemical Engineering from New Jersey Institute of Technology, Master's degree in Technology Management from Stevens Institute of Technology and post graduate course work in Masters of Business Administration-Finance from Fordham University.

#### MEETING DETAILS

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

Time: 5:45 – 8:30

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 [jfo0956@gmail.com](mailto:jfo0956@gmail.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.

# NEWSLETTER

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### 2013 – 2014 Meeting Schedule

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**September 5, 2013** – Louis Pilato, Pilato Consulting

**October 3, 2013** – Len Poveromo, Northrup Grumman Corp

**October 21 – 24, 2013** – 45<sup>th</sup> ISTC, Wichita, KS.

**November 7, 2013** – Jerry Grzybowski, Evonik Corp.

**December 6, 2012** –David Jhaveri, TFP Americas

**February 6, 2014** – Jim Toth, Evonik Corp

**March 6, 2014** – Deep Solanki, Structural Corp.

**April 3, 2014** – TBD

**May 1, 2014** – TBD

**June 2-4, 2014** – 58<sup>th</sup> ISEE, Seattle WA

**July , 2014** – 31st NJ SAMPE Golf Tournament, Picatinny Arsenal



# NEWSLETTER

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### New Jersey Chapter

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### SAMPE Chapter Service Excellence Award Winner:

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1996 (Anaheim), 1998 (Anaheim), 2002 (Long Beach)

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## Sponsor of the Month – Airtech International

Established in 1973, Airtech is the largest privately owned manufacturer of vacuum bagging and tooling materials of its kind in the world. Airtech Advanced Materials Group consists of Airtech International Inc., Huntington Beach, California; Airtech Europe Sarl, Differdange, Luxembourg; Tygavac Advanced Materials Ltd., Rochdale, England; and Airtech Asia Ltd., Tianjin China. Airtech serves the aircraft-aerospace, printed circuit board, marine, wind power, automotive, solar energy and recreational industries. The product range consists of: vacuum bagging films up to ultra-high temperature and very large width, release films and release liquids, pressure sensitive tapes, peel plies, breathers and bleeders, vacuum bag sealant tapes, vacuum bag connectors and hoses, rubber, tooling materials,

carbon and glass reinforcements. Airtech is an ISO 9001:2008 registered company. This year, Airtech celebrates its 40th anniversary in business!

#### History:

40 years ago, the founder Mr. Bill Dahlgren, an inspired engineer, started the business with 4 people in San Bernardino, California. The main goal of the business was to create a “one stop shop” and distribute vacuum bagging and composite tooling materials to make fiberglass and graphite parts for the aerospace industry.

With a dream in mind and persistency of hard work, the company grew to over 500 employees in 5 different locations.

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

Airtech will celebrate throughout the entire year of 2013 at all 4 worldwide locations. For more information, please visit [www.airtechonline.com](http://www.airtechonline.com)<<http://www.airtechonline.com>><<http://www.airtechonline.com>

