October 2013

Society for the Advancement of

Materials and Process Engineering

New Jersey Chapter

We are Pleased to Present the Featured Guest Speaker for our October 3rd Meeting:



Innovation Overview at Northrop Grumman **Aerospace Systems**

Lenny Poveromo

Engineering Fellow

Northrop Grumman Aerospace Systems

ABSTRACT

The presentation will detail the spectrum of innovation concepts that NGAS is sponsoring and discuss their attributes and the current results. They include: Innovation Challenge-Annual Competition designed to inspire new ideas that could become breakthrough solutions; our Innovation- Collaboration, innovation and engagement via seed-funding of employee generated and peer-supported ideas using brainstorm, a social media tool; and Copernicus-a problem solving media tool and others.

BIOGRAPHY

University.

Leonard Poveromo is currently an Engineering Fellow for Northrop Grumman's Aerospace Systems. His technical contributions and involvement with professional societies have been significant to the Advanced Composites industry whose evolution his career has paralleled. He is a fellow of SAMPE. He is a member of the Advanced Energy Research and Technology Center Executive Board – SUNY Stony Brook; Air Force Office of Scientific Research Review Panel; Chemical and Molecular Engineering External Advisory Board - NYU/Poly University; Center of **Excellence in Wireless and Information Technology** (CEWIT) – SUNY Stony Brook –Industrial Advisory Board; and South Carolina Research Authority's Technical Advisory Board and Executive Steering Committee. He has authored over 30 technical papers, holds several patents, was awarded SPI's "Centerpoise Award", and was past Program and General Chairman of SAMPE's National Technical Conference and the Carbon Fiber Conferences. Mr. Poveromo has a B.S. in Chemical Engineering from Lehigh University and an MBA from Hofstra

MEETING DETAILS

Place: Bridgewater Manor, Bridgewater,

NJ; (908) 658-3000

Time: 5:45 - 8:30

Cost: \$10.00 Advanced Registration; 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 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





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2013 – 2014 Meeting Schedule

September 5, 2013 – Natural Fiber Composites, Louis Pilato, Pilato Consulting

October 3, 2013 – Len Poveromo, Northrup Grumman Corp

October 21 – 24, 2013 – 45th 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 – 58th ISEE, Seattle WA

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



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Saati manufactures industrial fabrics for the Composites, Protection, Filtration and Screen Printing industries. Manufacturing facilities are located in Europe, Asia and the US. Weaving, fabric treatment, prepregging and chemical manufacturing are part of Saati's Fountain Inn, SC operations that occupy 265,000 sqft of space established in 2010.

Saati has particular focus in automotive, industrial and sporting product applications of its dry fabrics and prepreg materials. Proprietary and long established resin systems offer A class finish, structural performance and specialized end use applications. Phenolic coatings and filming applications are also a part Saati's SC manufacturing capability. Unidirectional fabrics, Uni prepreg, non-crimp and aramid fabrics are another part of the Saati portfolio. Internal lab testing for material performance properties exists within our SC and Italy HQ facilities. Saati is also a major supplier to the Protection market for vests, helmets and vehicle armoring. Precision weaving is considered our core competency. In house ballistic testing is a

part of our extended capability.

Our precision woven monofilament fabrics are produced in Italy and sole worldwide to the filtration and screen printing industries. These fabrics filter anything from grain and liquids to blood and air. Acoustic air flow filtration and modulation is a particular area that is commonly used by anyone using a cell phone. Acoustex is utilized by nearly every cell phone manufacturer to protect the speaker and mic ports of cell phones, yet allowing quality sound transmittance.

Saati has capacity and experience to find solutions for a variety of technical challenges. Established in 1935, our global sales in 2012 were 138 million Euro with 850 employees. Solutions with technical fabrics are what we are about.

Paul Cylenica Sales Manager / Composites

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