

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

Innovations in Composite Manufacturing /Automation

John Melilli, President
Composite Automation, LLC

Abstract:

The need to reduce costs in the manufacture of composite parts has been the impetus for companies to develop novel technologies to achieve higher throughput, reduce waste, increase product quality and reduce reliance in human touch labor. These innovations span the gamut of the manufacturing floor with regard to composite manufacturing.

Mikrosam has launched an AFP machine with interchangeable heads that enable the processing of thermosets, dry fibers and thermoplastic insitu consolidation.

Spintech's Smartool is redefining how tooling costs can be dramatically reduced.

Cevotec's SAMBA patch technology machine came out of an Airbus program to disrupt the paradigm entirely using 2" patches to do additive manufacturing.

JETCAM's nesting and CrossTrack software automates the total material management component from receipt to finished part.

Movitherm's thermographic NDT changes the paradigm for the use of ultrasonics for detecting FOD, dis-bonds, voids, cracks, etc.

Biography

John Melilli is the President of Composite Automation, LLC which is a manufacturer's representative firm for multiple companies that provide solutions for composites processing. With over 35 years in the application of automation technologies in a variety of industries and over 14 years in composites, Mr. Melilli has the knowledge and experience to help both suppliers and customers to identify innovative solutions to challenging manufacturing processes in composites.

MEETING DETAILS

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

Time: 5:45 – 8:30

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 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.



2017 – 2018 Meeting Schedule

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 – To be Announced

April 5, 2018 – Students Night

May 3, 2018 – To be Announced

May 21-24, 2018 – SAMPE Long Beach CA

June 2018 – Field trip – Date To be
Announced

June 28, 2018 – 35th NJ SAMPE Golf Outing,
Picatinny Arsenal

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For information,
please contact:

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