

## DIAB to Present at October Meeting

NJ SAMPE welcomes members and friends to our second monthly meeting of the 2024 - 2025 season, to be held at Rowan University, Glassboro, NJ on Thursday, October 10 at 5:30 pm. Marty Manno, Territorial Sales Manager Mid-Atlantic/Canadian Maritime/ Quebec-Ontario Provinces for DIAB, will present on “Sandwich Core Materials.”



Founded in 1950, DIAB Group manufactures composite core materials. The company offers a range of polymer foam cores and end grain balsa coring materials for the construction of boats, trams, wind turbines, and related equipment. DIAB Group operates worldwide, with headquarters in Helsingborg, Sweden.

October's meeting will include networking, dinner, and the presentation. To register in advance, click [here](#) or scan the QR code.



Students are always welcome to attend at no cost, though an RSVP to [megan@njsampe.org](mailto:megan@njsampe.org) is required.



## NJ SAMPE Wins Chapter of the Year!



Melissa Jaime, Benjamin M. Rasmussen Chair, and Amir Islam, Director, NJ SAMPE receive the Chapter of the Year winning prize from Ashley Tracey, SAMPE NA Executive Vice President, and German Reyes-Villanueva, SAMPE NA President.

NJ SAMPE was named Chapter of the Year at the SAMPE 2024 Awards Dinner held during the recent CAMX in San Diego.

This high honor reminds us of legacy days when our Chapter regularly received this award. In fact, CotY was awarded to NJ SAMPE in 1990, 1991, 1992, 1993, 1995, 1996, 1997, 1998, 1999, 2000, and 2001, reminiscent of the dynasty years of the NY Yankees!

The energy of our young leadership team delivered these results, and we are grateful to SAMPE for the recognition.

Led by Melissa Jaime, Benjamin M. Rasmussen Chair since July 2022, SAMPE NA Student Chapter Development Committee Chair since October 2020, and recipient of the Young Professionals Emerging Leadership Award in 2020, NJ SAMPE has delivered:

- Three successful Additive Manufacturing Symposiums
- Addition of two Student Chapters at Rowan and Rutgers Universities, joining NYU Tandon School of Engineering
- Expansion of the Board of Directors with new personnel, injecting life and youth into our membership

Exciting things are happening at NJ SAMPE and we invite you to join our growing membership!



Professional members and Rowan Student Chapter members joined NJ SAMPE BOD members in celebrating the award.

### Symposium Recap!

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### Upcoming Events

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### Sponsor of the Month

Fabric Development Inc.  
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# Another Successful Regional Additive Manufacturing Symposium

Co-hosts NJ SAMPE and Rowan University AMMI concluded another successful Regional Additive Manufacturing Symposium on August 21, 2024 at Rowan University.

The Symposium is the region’s go-to event for local researchers, educators, and end-users to discuss advancements and challenges in the field of additive manufacturing.

This year, 48 attendees enjoyed a full day's program of speakers, panel discussion, student poster contest, and networking opportunities.

A guest address was provided by SAMPE CTO Raj Manchanda, FASME, who spoke on the organization’s technical programs and encouraged attendees to respond to the SAMPE 2025 Call for Papers and submit articles to the SAMPE Journal.



Podium presenters (front row L-R: Behrad Koohbor, Caleb Beckwith, Tyler Paupst, Melanie Heider, Colleen Murray, Emma Benkovic; (back row L-R): Shahab Zekriardehani, Jonathan Singer, Chadi Ellouzi, Aaron Nardi.

Sincere thanks to our event sponsors:

- Chemglass Life Sciences
- Eaton Corporation
- Hauschild SpeedMixer
- Kaneka North America LLC
- Shimadzu Scientific Instruments
- TA Instruments – Waters LLC
- VRC Metal Systems LLC

Want to be a part of our 2025 Symposium? We welcome speakers, sponsors, and volunteers. Watch [www.njsampe.org](http://www.njsampe.org) for details.



Joe Abrantes, NJ SAMPE Vice-Chair, right, with Student Poster Contest winners (L-R: Jack Szyprowski, Madison Kaminskyj, Matthew Schwenger, Emily Li.)

Finally, a special highlight of this year’s event was the Student Poster Contest.

With nine very competitive entries, the following students emerged victorious:

1st Place - "Variable Stiffness 3D Printed Structured Fabrics Activated by Pressure Field," Jack Szyprowski, University of Maryland

2nd Place - "Mixed Material Feedstocks for Cold Spray Additive Manufacturing of Polymer- Metal Composites," Matthew S. Schwenger & Madison S. Kaminskyj, Rowan University

3rd Place - "Controlling Porosity of Electrospayed Polyamide Films Through Co-solvent Blending," Emily A. Li, Rutgers University

## #Opentowork

NJ SAMPE is always pleased to provide employment outreach services for its valuable members.

Long-time member David Jhaveri is open to new opportunities in business development, strategic technical sales, and client relationship management in Advanced Composites, Fibers, and Nonwovens applications supporting Aerospace, Defense, and Advanced Air Mobility (AAM) market segments.

In his last assignment, he served as the Director, Business Development – Aerospace – Defense for Technical Fibre Products Ltd.

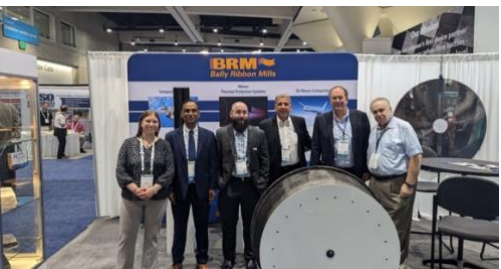
Jhaveri holds a BS in Chemical Engineering from NJIT, an MS in Technology Management from Stevens Institute of Technology, and an MBA in Finance from the Fordham Gabelli School of Business.

He’s based in the Greater New York City area and is available for full-time employment and consulting opportunities.

Please reach out to David at [jhaverid@yahoo.com](mailto:jhaverid@yahoo.com) for additional information.

## CAMX Highlights

CAMX was held in San Diego, CA this past September and NJ SAMPE was in the house with our Corporate Sponsors!



Visiting Bally Ribbon Mills



With Broadview Technologies



Victory dinner after Chapter of the Year honors

## Calendar

### NJ SAMPE Events

October 10

“Sandwich Core Materials,” Marty Manno, DIAB, Rowan University, Glassboro, NJ

November 7

TBA

### SAMPE Webinars

October 16 – 1 PM ET

[Register Here](#)

“A Forensic Analysis of the Titan Submersible Implosion,” Dr.-Ing. Ronald Wagner

### National Events

May 19 – 22, 2025

SAMPE 2025, Indianapolis, IN

## Great Turnout for Annual Golf Outing

Twenty-three golfers took full advantage of the fabulous weather during our 41st Annual Golf Outing at Picatinny Arsenal on September 16, 2024. They are already looking forward to next year’s event!



# Sponsor of the Month:

## Fabric Development Inc.

Fabric Development, Inc. was established in 1972 to manufacture specialty woven, knitted and braided fabrics to meet specific applications. Since that time, they’ve grown from a specialized textile manufacturer to a production and manufacturing facility of 80,000 square feet, capable of custom weaving to meet user requirements, in both prototype and production runs.

Fabric Development, Inc. offers the unique combination of design and development combined with production capabilities. They can supply all forms of textile structures including woven, knitted and braided fabrics. With the inclusion of such materials as "fluted

core" fabrics, polar weave (spiral) fabrics, Tailored Advanced Blanket Insulation (TABI) and closed-end radome type structures, they now have even greater capability to serve the expanding needs of specialty fabric applications.

Reinforcements can be produced from all fiber types including carbons: standard and ultrahigh modulus, Kevlar, Fiberglass, Spectra, Nicalon, Tyranno, Quartz, and Ceramics. In addition, textile preforms are also produced to near net shapes for RTM and VARTM applications. Fabric Development’s Quality System is registered to AS9100B and ISO9001: 2000.

For more information, contact:

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phone (215) 536-1420  
fax (215) 536-1154  
[www.fabricdevelopment.com](http://www.fabricdevelopment.com)



# Thank You to Our 2024 - 2025 Corporate Sponsors



# We are the New Jersey Chapter of SAMPE

Chartered in 1977, NJ SAMPE is one of the oldest Chapters in the SAMPE network. We serve the greater NJ/NY/CT/PA area by focusing on our membership, as well as student and young professional outreach. NJ SAMPE includes 10 SAMPE Fellows, 13 Senior Honorary Members, one SAMPE George Lubin Award Winner, and one SAMPE Young Professionals Emerging Leadership Award Winner. NJ SAMPE was designated as SAMPE's first Center of Excellence for Additive Manufacturing in 2018.

We welcome you to participate and network, either for business opportunities, recruitment, or keeping up with industry trends in the region. As the only technical society encompassing all fields of endeavor in materials and processes, SAMPE provides a valuable forum for scientists, engineers and academics. We especially invite students and young professionals to engage in dialog with industry members, explore career options, make presentations at monthly meetings, and join our local student chapters.

Benjamin M. Rasmussen Chair  
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Student Chapter Liaisons  
Director/Media  
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