



## ***October 2023 Newsletter***

***Virtual Student Networking Panel Event***

***co-hosted with SAMPE Student Chapter Development Committee***

***Featuring a 4 speaker panel on industry careers***

***October 18th, 6 pm EST***

***Sponsor of the Month***

***Bally Ribbon Mills***



[@SAMPE NJ Chapter](#)

<http://njsampe.org>

## ***October Virtual Meeting - Student Networking Panel***

Our first meeting of the 2023-2024 season will be a Student Networking Event facilitated by the SAMPE Student Chapter Development Committee.

Students are invited to speak with SAMPE professionals about their job functions, companies, and what made them pursue a career in the materials & composites industry.

**When:** Wednesday, October 18, 2023    6 - 7 PM Eastern Time / 3 - 4 PM Pacific Time

**Where:** Virtual. [Click here](#) to RSVP or visit [www.njsampe.org](http://www.njsampe.org) for more information.

Featuring 4 diverse speakers from the SAMPE New Jersey Chapter community:

**Sophia Mitchell**

Materials & Process Engineer  
Philadelphia, PA



**Joe Geiger**

Textile Engineer  
Bally, PA



**Jeffrey Lugo**

Technical Key Account Mgr.  
Philadelphia, PA



**Yuki Baba**

R&D Chemist  
Newark, NJ



## ***October Virtual Meeting Panelists***

### ***Yuki Baba - Broadview Technologies, Inc.***

Yuki's work as an R&D Chemist focuses on the design and development of polymers in applications such as resins and fire retardants. Yuki conducts analysis and quality control using DSC, TGA and FTIR. Yuki moved to the United States from Tokyo to obtain a B.E. in Chemical Engineering from Stevens Institute of Technology.

### ***Joe Geiger - Bally Ribbon Mills***

As a Textile Engineer, Joe supports the design, development, and manufacturing of highly specialized engineered woven webbing, tapes, specialty fabrics, woven preforms, and two dimensional and three dimensional structural fabrics. He holds an MS in Textile Science and Engineering from Philadelphia University (now Thomas Jefferson University).

### ***Jeffrey Lugo - Henkel Adhesive Technologies***

Jeffrey is Henkel's Technical Key Account Manager, supporting customers in the aerospace industry. He worked for over seven years in various material & process engineering assignments, including thermoplastic composites processing, product allowables testing, and effect-of-defects modeling. Jeffrey was an active member of the SAMPE Student Chapter during his undergraduate and Master's studies at the University of Delaware.

### ***Sophia Mitchell - Boeing Philadelphia BR&T Vertical Lift Composites Lab***

Sophia is currently a Materials and Process Engineer for Boeing. Previously, she characterized nanoscale materials and devices through various atomic force microscopy methods and worked as a product developer in the sustainable care industry. Sophia currently serves as the liaison between Boeing Philadelphia and SAMPE New Jersey Chapter.

## ***Monthly Meeting Preview***

*Mark your calendar! Looking forward to seeing you!*

***We are pleased to preview our Fall 2023 – Spring 2024 schedule:***

***October – Student Networking Panel***

***Virtual***

***November 9 – Career Panel Session***

***NYU Tandon, Brooklyn, NY***

Currently recruiting panelists local to the NYU Tandon campus in downtown Brooklyn. Please contact [joe@njsampe.org](mailto:joe@njsampe.org) for details.

***December 2023***

***Rutgers University, New Brunswick, NJ***

***April 2024 – Annual Student Night***

***Evonik Corporation, Piscataway, NJ***

***June 2024 – 4th Annual Additive Manufacturing Symposium***

***Rowan University, Glassboro, NJ***

## ***News from Our Chairperson***

### ***Melissa Jaime - Benjamin M. Rasmussen Chair, NJ SAMPE***

Welcome to another exciting year of SAMPE activities in the NJ region!

We have had much to celebrate in the last year – chartering a new Student Chapter at Rowan University, increasing our STEM educational outreach, gaining new sponsors, and hosting a well-attended Additive Manufacturing (AM) Symposium at Rowan University.

During our 8 monthly meetings, attendees toured advanced manufacturing facilities, considered the next step on their career journeys, and networked with area professionals. We shared technical achievements, golfed, dined, and learned how to construct composite bridges.

How can we possibly improve on this program?

We engage more members to grow and build upon the legacy of one of the most distinguished Chapters of SAMPE North America!

***The strength and vitality of a professional network lies in its membership.***

The Chapter Board welcomed two new officers this year, and we are looking to further expand member involvement in planning Chapter events such as the AM Symposium. We encourage others to reach out and share ideas for future meetings and events.

Recognizing the time commitment and travel burden on Chapter members, NJ SAMPE is planning to host fewer in-person Chapter meetings this year. We will also continue to rotate our meeting locations within the region to achieve greater participation from members within a local area – whether it be New York City, Northern, Central, or Southern New Jersey.

NJ SAMPE is grateful for our generous sponsors, for whom we strive to help recruit the best and brightest employees. Our in-person meetings will be held near a university to facilitate networking opportunities for students.

We kicked off this 2023-2024 year with our 40<sup>th</sup> Annual Golf Outing in September. In October, NJ SAMPE is hosting a Student Networking Panel session, a virtual event championed by SAMPE North America’s Student Chapter Development Committee, which will be accessible to SAMPE student members across the continent. We will follow up that event with an in-person panel session at NYU in November, featuring an appearance by SAMPE Chief Technology Officer Raj Manchanda.

Be sure to follow [SAMPE NJ Chapter](#) on LinkedIn and visit [njsampe.org](https://njsampe.org) to learn more about our plans for the coming year. I hope to see you at a meeting, where we can discuss new activities and initiatives that would bring value to your SAMPE membership.

## Thank You to Our 2023-2024 Sponsors!

We are most pleased to acknowledge our New Jersey Chapter Corporate Sponsors for 2023-2024. These fine companies help us to continue our activities and programs.



## 2023-2024 Sponsor Directory



### **Airtech International, Inc.**

Tony Constantino  
5700 Skylab Road  
Huntington Beach, CA 95647  
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[tconstantino@airtechintl.com](mailto:tconstantino@airtechintl.com)

### **Aurorium**

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### **Bally Ribbon Mills**

Dr. Amir Islam  
23 North 7<sup>th</sup> Street  
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### **Boeing Corporation**

Sophia Mitchell  
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### **Broadview Technologies, Inc.**

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### **Coast Line International**

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### **Evonik Corporation**

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### **Fabric Development Inc.**

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### **Jayhawk Fine Chemicals Corp.**

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### **Kaneka North America LLC**

Brian Churchill  
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### **Kenrich Petrochemicals**

Salvatore Monte  
PO Box 32  
Bayonne, NJ 07002  
201-823-9000  
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### **Novoset LLC**

Dr. Sajal Das  
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### **Rowan Advanced Materials & Manufacturing Institute (AMMI)**

Joseph Stanzione  
201 Mullica Hill Road  
Glassboro, NJ 08028  
856-256-5356  
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### **Schafran Associates LLC**

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### **Siltech Corp**

Gene Ward  
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[eugene@siltech.com](mailto:eugene@siltech.com)

## *Sponsor of the Month – Bally Ribbon Mills*



Founded in 1923, Bally Ribbon Mills is a leader in the woven narrow fabrics industry. Over 2,000 different patterns are manufactured in our production facility located in Bally, Pennsylvania. Materials include high performance tapes and webbing, 2-D woven shapes, 3-D complex shapes, 3-D multi-layer fabric, braids, and polar weaves. Our specialty textiles cover a wide range of medical, safety, commercial, industrial, aerospace, automotive, and military applications. We are ISO9001, AS 9100, and ISO 13485 certified.

Our Advanced Product Group is a team of skilled engineers, technicians, and manufacturing personnel dedicated to the design and manufacture of complex shapes using “difficult to weave” fibers while minimizing yarn damage and controlling costs.

Given the customer’s product constraints, desired mechanical properties, cost of product, operating temperature, and operating environment, Bally Ribbon Mills is capable of handling every stage of preform development, from the initial design to prototype development, to final product design, fabrication, and infusion.

We make it a regular practice to take what was previously unattainable and make it a reality.

If you’re looking for a new structure, or new ways to lower weight and cost without sacrificing integrity and performance, look no further than composite woven materials from Bally Ribbon Mills.

For more information, contact:

Dr. Amir Islam

Bally Ribbon Mills

23 North 7th Street

Bally, PA 19503

Tel: 610-845-2211

Fax: 610-845-8013

[www.ballyribbon.com](http://www.ballyribbon.com)





## ***Board of Directors***

The NJ SAMPE Board of Directors for 2023-2024 was elected this past June and includes some new members. Congratulations to all! Please reach out to anyone of us for Chapter inquiries.

### **BENJAMIN M. RASMUSSEN CHAIR**

Melissa Jaime  
Aurorium  
973-440-2872  
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### **VICE-CHAIR, STUDENT CHAPTER LIAISON**

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### **SECRETARY**

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### **MEMBERSHIP**

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### **PROGRAMS**

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### **WEBMASTER**

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### **YOUNG PROFESSIONALS**

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### **DIRECTORS**

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**1977**



**sampe**

New Jersey Chapter

**2024**

***Support the NJ Chapter of SAMPE***

***Celebrating our 47th year of service to the greater  
NY/NJ/CT/PA area***

- Attend a meeting***
- Network with industry peers***
- Make a presentation***
- Become a Corporate Sponsor***
- Volunteer***



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<http://njsampe.org>