

April Meeting Preview: Annual Student Night



Photo credit: Evonik Industries AG

NJ SAMPE's April monthly meeting will be held at Evonik's North America headquarters in Piscataway, NJ on Thursday, April 11 and feature our Annual Student Night program.

Inaugurated in 2015, Annual Student Night began as a platform for our SAMPE at NYU Student Chapter members to showcase their research projects and gain experience in public speaking.

Over the years, the event has grown into a regional event, where students from Drexel University, Lehigh University, New York University, Rowan University, and Rutgers University presented their research.

The April 11 speaker list is under preparation and will be announced shortly on LinkedIn and Instagram.

We invite all SAMPE members to support this popular event, not only to encourage our student members, but also to network in anticipation of hiring young science and engineering talent for internships or entry-level employment. Past speakers have gone on to attend national SAMPE events, participate in the SAMPE Bridge Contest, and decide on future employment or continuing education opportunities.

To register in advance, please contact megan@njsampe.org for details.

Celebrating the Rich History of NJ SAMPE

It All Started in a Living Room in 1976

The NJ Chapter of SAMPE held its first meeting on June 17, 1976 at the home of Ray Wegman in Ledgewood. The new Chapter was spun off from the Metro NY Chapter and would include NJ, PA, DE and MD in its jurisdiction. Each of the founding members donated \$10 to cover organizational expenses and an account was opened at the Picatinny Federal Credit Union.



A second meeting was held on July 22, 1976 at the Village Barn in Lake Hopatcong. Ray Wegman was elected Chair. The first technical presentation, "Joining of Plastics," by Don Dahringer of Bell Labs, was made on November 18, 1976. Subsequent meetings continued into 1977. On April 25, 1977, at the National SAMPE Symposium in San Diego, Ray Wegman and Bob Walker received the Charter for the NJ Chapter from the National organization. By April 1977, the NJ Chapter had grown to 53 members.

In June 1980, monthly meetings were moved to the Watchung View Inn in Pluckeman, NJ. Renamed the Bridgewater Manor, the monthly meetings were held there until 2022.

In 1983, a new Wil-Phil Chapter was formed as a spin off from the NJ Chapter.



Bridgewater Manor, home of NJ SAMPE monthly meetings for 42 years. Photo credit: Patch.com

Over the years, a number of notable members served as NJ Chapter Chair.

Ray Wegman	1977
Howard Kliger	1984
John Osterndorf	1986
Harry Katz	1988
Louis Pilato	1991, 1992
Gail DeSalvo	1997

John Osterndorf became Treasurer in 1991 until he retired from Picatinny in 2016.

Ben Rasmussen became Chair in 1999 until 2013, followed by Borys Schafran from 2013 - 2018 and Russ Caspe from 2019 - 2022.

Trivia question: Where did the NJ SAMPE Board of Directors hold their famous summer meetings to plan the next season's events?

Answer: The Country Squire, Warren, NJ. If you were there, you remember the early bird specials and the chocolate ice cream!

Next month, we will highlight the national activities of the Chapter over the years.

Call for Nominations

Volunteer to join the NJ SAMPE Board of Directors, or support your favorite candidate. Page 2

Upcoming Events

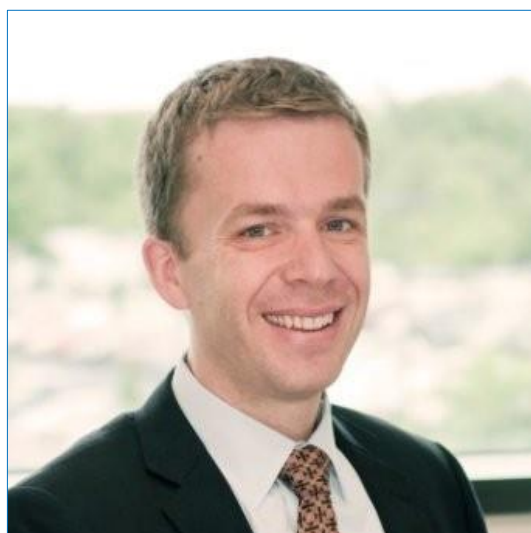
Preview our calendar of events for the second half of our 2023 - 2024 season. Page 2

Sponsor of the Month

The BOEING Company. Page 3

Student Chapter Activities

The SAMPE at NYU Student Chapter is celebrating its 10th anniversary in 2024. Their first event of this year was held on February 29 and featured JP Masson, Emerging Technologies Director at Nagase Holdings America, New York, NY.



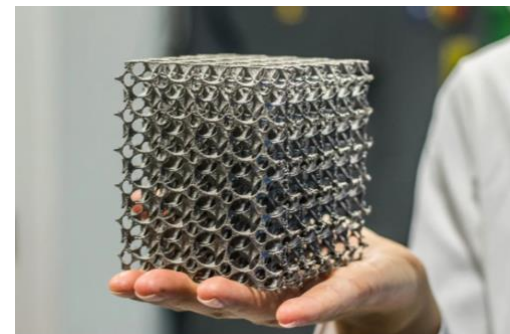
In keeping with NJ SAMPE's theme as a SAMPE Center of Excellence for Additive Manufacturing, JP presented a new water-soluble, temperature-resistant support material for FDM printing to a group of 15 students. Thanks again to JP and to the SAMPE at NYU Student Chapter for hosting this event.

Scholarship Program Application Period Now Closed

Thanks to all the students that submitted applications for our new scholarship program. Winners will be notified before our Annual Student Night meeting in April, where the scholarship awards will be presented.

Update on 4th Annual Additive Manufacturing Symposium

The NJ SAMPE 4th Annual Regional Additive Manufacturing Symposium will be held in conjunction with the Rowan University Advanced Materials & Manufacturing Institute's Annual End-of-Summer Research Symposium.



Look for news on this joint event, scheduled to take place at Rowan's campus in Glassboro, NJ this August.

Chapter Officer Nominations

Interested in joining our Chapter Board and contributing to the future direction of NJ SAMPE? Nominations are now being accepted for the following slate of officers:

Benjamin M. Rasmussen Chair
Supervise all Chapter activities

Vice-Chair
Oversee Chapter committees

Treasurer
Maintain permanent financial records

Secretary
Document meeting proceedings

Membership Chair
Lead member & sponsor engagement efforts

Programs Chair
Secure speakers for Chapter events

Media Chair
Manage external Chapter communications

Student Outreach Chair
Coordinate local student initiatives

Young Professional Liaison
Facilitate recent graduate engagement

Nominations are open until April 1.

Submit all nominations to Chapter Secretary Joe Stanzione via e-mail at stanzione@rowan.edu.

The slate will be announced in the May newsletter and a vote will be conducted via electronic ballot. The elected officers will be announced in June and their term of service will begin on July 1.

Student Seeking Internship



NJ SAMPE supports our student and young professional members in furthering their training and career plans. We present Aaron Lipton, a Junior in the Mechanical Engineering program at Rutgers University.

As the Composites Lead for Rutgers Formula Racing, the FSAE team at Rutgers, Lipton gained experience working with composites, in particular with molding and tooling design. He has worked with carbon, glass, and natural fiber, as well as Kevlar reinforcements in epoxy and polyester resins, and with vacuum bagging, wet layups, and resin infusion/VARTM. He is also familiar with SOLIDWORKS and MATLAB software. Aaron is looking for summer internship opportunities in the composites industry and can be reached at aaron57lipton@gmail.com.

2024 Calendar

NJ SAMPE Events

March 26

Banquet in Honor of Leonard Poveromo, Bridgewater Manor, Bridgewater, NJ

April 11

Annual Student Night, Evonik, Piscataway, NJ

May 9

"Powdered Metallurgy" presented by Edul Daver, Kymera International, Evonik, Piscataway, NJ

August

4th Annual Additive Manufacturing Symposium, Rowan University, Glassboro, NJ

September 5

"Sizing of Glass Fibers for High Temperature PEEK Composites" presented by Greg Treich, Evonik Corporation, location TBA

September 16

NJ SAMPE 41st Annual Golf Outing, Picatinny Arsenal Golf Club, Dover, NJ

SAMPE North America Technical Committee Events

March 21 - 4 PM EDT (Webinar)

"Evaluating Process Routes for Producing Ceramic Composites"

Steven Nutt, University of Southern California

April 11 - 4 PM EDT (Presentation)

"Materials at Extremes"

Dr. Calvin Stewart, Ohio State University

For more information and to register for a webinar, visit [SAMPE365](https://www.sampe.org/SAMPE365).

SAMPE Events

May 20 - 23

SAMPE 2024, Long Beach, CA

September 9 - 12

CAMX, San Diego, CA

Sponsor of the Month:

The Boeing Company

As a global aerospace leader, The Boeing Company develops, manufactures and services commercial aircraft, defense products and space systems for customers in more than 150 countries.

The headquarters for Boeing's Vertical Lift division is located in Ridley Park, PA, just west of Philadelphia. The site produces and modernizes battle-tested rotorcraft such as the CH-47 Chinook and V-22 Osprey. Boeing is proud to work with 287 suppliers and vendors located in New Jersey, accounting for \$307 million in purchases in 2018, and supporting an estimated 8,000 direct and indirect jobs.

As a 'Champion' - level corporate sponsor with SAMPE North America, Boeing is committed to helping students of all backgrounds achieve their full potential through collaborations designed to inspire and cultivate a global workforce for aerospace innovation.

Key areas of the sponsorship agreement include an emphasis on Boeing collaborating with SAMPE on future workshops, tradeshow and conference participation, and the support of SAMPE's student poster, bridge, and additive manufacturing competitions.

For more information, contact:

Sophia Mitchell
The Boeing Corporation
1 South Stewart Avenue
Ridley Park, PA 19078
610-591-2121

<https://www.boeing.com/>



Thank You to Our 2023 - 2024 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.

Benjamin M. Rasmussen Chair
Vice-Chair/Student Chapter Liaison
Treasurer
Secretary
Director/Membership Programs
Director/Media
Young Professional Representative

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.

[Melissa Jaime](#), Aurorium
[Joe Abrantes](#), Evonik
[Megan Casey](#), TotalEnergies Cray Valley
[Joseph F. Stanzione](#), Rowan University AMMI
[Amir Islam](#), Bally Ribbon Mills
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[Borys Schafran](#), Schafran Associates
[Jaelyn McLaughlin](#), Rowan University