



ADDITIVE MANUFACTURING CHAPTER

Mission

The mission of SPE Additive Manufacturing (AM) / 3D Printing (3Dp) Chapter is to provide a forum to present, promote and educate the SPE community in AM/3Dp in the following areas:

- Material Development
- Equipment
- Process Technologies
- Product Design
- Mold & Mold Making
- Marketing
- Research & Development.

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Photo courtesy of Stratasys



Photo courtesy of HP

Editor's Corner

Dear SPE AM Chapter Members,

Our Chair Jay Dinsmore emphasized in the February 2025 newsletter issue that the theme of the year for 2024 was Resilience: Stick with It! Through the first half of 2025, the theme continues, yet the future continues to look bright for additive manufacturing (AM). This industry continues to mature, and that is not always a straightforward or easy thing to do! Through the events in 2025 so far, we see new technologies being introduced and application areas being refined and expanded with key focuses on Aerospace & Defense, Mass Customization, Digital Manufacturing, and Sustainability.

The main highlight of this newsletter issue is solicitation of new contributors for the AM Chapter through open positions on the Board of Directors and in the newly established "Friends of the Board" (see Page 3). We are very excited to welcome Trevor Fleck, Sarah Goehrke, and Melissa Hanson to our Board (see Page 2).

After 10 years of service on the Board, I am stepping down to open time to pursue other activities and open the position for you to join in my place! Serving in this Chapter has been a very fulfilling experience, and I assure you that the ideas we have for the future to continue to fulfill our Mission and educate plastics professionals about AM and AM industry members about plastics are very exciting!



Matthew Thompson
SPE AM Chapter Newsletter Editor
2024-2025 SPE Term Year

Board News

Noteworthy Board Member Activity in AM Field:

- Drew Davis and the Veterans Affairs (VA) team joined the [Design of Medical Devices \(DMD\) Conference](#) April 28-30, 2025, Minneapolis, MN.
- Krysten Minnici presented along with Felix Tran, Eaton, at AMUG 2025: “B-Basis Allowables Qualification for Fused Granular Fabrication Processed PEKK”
- Krysten also presented at RAPID + tct 2025: “Crystallization of Polyamide-11 in Selective Laser Sintering Conditions”.
- Bob Gafvert started with [Rosti Group](#) in May 2025.
- Ray Schenk’s company, formerly Diversified Plastics, rebranded in July 2024 to [Aprios Custom MFG.](#)
- Tuan TranPham started with [Anisoprint](#) as their President for Americas & Asia Pacific in October 2024.

Not an SPE AM Chapter member?

Join today for *free*!

Membership to the AM Chapter is free and can be added when you enroll or renew your SPE society membership:
www.4spe.org

Want to Contribute?
Ask us about our newly formed *Friends of the Board!*

Send us a note:
speadditivemanufacturing.org/contact-us

Warm Welcome to new Board Members:

- [Trevor Fleck](#) joined the Board in June 2025. Trevor is an assistant professor in the Mechanical Engineering Department at Baylor University. His research focuses on additive manufacturing (AM) material development, process enhancement, and part qualification. He holds a BS, MS, and PhD from Purdue University. He is a cofounder of Next Offset Solutions, and he is active with SPE Automotive Composites Conf. & Expo (ACCE) and the SPE Journal of Vinyl & Additive Technology (JVAT).
- Sarah Goehrke also joined the Board in June 2025. She is the founder & principal at [Additive Integrity](#), a contract service provider for AM, including communications and strategic consulting services. Sarah has been a writer/editor in the AM field since 2014, including time as Editor-in-Chief at 3DPrint.com, many contracts through Additive Integrity with various media outlets and AM OEMs & service providers, and employment at Nexa3D. She is also active with Women in 3D Printing (Wi3Dp) and other nonprofit professional groups.
- Melissa Hanson was also accepted onto the Board in May 2025. Melissa is a Principal/Co-Founder at [MFG Marketing Experts](#), specializing in fractional go-to-market (GTM) advising. She brings to the Board a wealth of marketing experience, particularly in AM, having served in such roles at Evolve Additive Solutions, PostProcess Technologies, NEXA3D, and Stratasys.

Farewell to Board Members stepping down & welcome to the Friends of the Board:

- Since the Winter 2025 newsletter issue, the “Friends of the Board” has been established. The following former Board members have stepped down and joined this new group:
 - Feng Cai
 - Rakesh Gupta
 - Jason Lopes
 - David Tucker
 - Helayanne Freedman
 - Ellen Lee
 - Matthew Thompson
- Thank you to all for the years of service to the Board, and we hope to have your continued contributions through the Friends of the Board!

Board of Directors



Drew Davis
U.S. Department
of Veterans
Affairs



Jay Dinsmore
ADDMAN/
Dinsmore



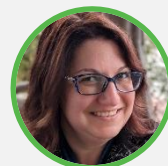
Jack Dispenza
Design Results,
LLC



Trevor Fleck, PhD
Baylor University



Bob Gafvert
Rosti Group



Sarah Goehrke
Additive Integrity



Melissa Hanson
MFG Marketing
Experts



Krysten Minnici,
PhD
Arkema



Daniel Pisarski
Ford Motor
Company



Ray Schenk
Aprios Custom
MFG



Mike Schorr
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Tuan TranPham
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- MJF (Multi Jet Fusion)
- PolyJet™ (Polymer Ink Jetting)
- HPS (Hybrid PhotoSynthesis)

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Event Information

The SPE AM Chapter is available to co-host events and collaborate with other SPE and AM industry groups.

SPE

AM Industry

1. ANTEC® 2025
2. 3Dnatives & ImplementAM
3. AMUG
4. Rapid + tct
5. And others!



ANTEC® 2025
Philadelphia, PA • March 3-6

SPE hosted its annual technical conference [ANTEC® 2025](#) in Philadelphia, PA, March 3-6, 2025. Over 500 attendees enjoyed the plenary/keynote talks, six parallel tracks for technical talks with around 200 speakers, networking opportunities, student-focused offerings, and exhibits.

AM/3Dp related talks included the following:

Mechanical Properties in 3D-Printed Polymers: A Comparative Study of Carbon Fiber Reinforcement	David Fernandez and Garrett Porter, Utah Valley University; Nathan “Marty” Martinson, Verdict
Evaluation of Acrylic Processing Aids to Improve Interlayer Adhesion in 3D Printing	Manoj Nerkar, Dow
Novel Thermoset Formulations for Additive Manufacturing of Structures with Sparse Infill	Mitchell Delemeester, Michigan State University
Additive Manufacturing with Recycled Plastic Flakes for U.S. Military Applications	Prabhat Krishnaswamy, Engineering Mech. Corp. of Columbus
Influence of Thermoplastic Healing Agent Molecular Weight on Curing Behavior of a 3D Printable, Stimuli Responsive Polymer Blend	Vincent Mei, Rochester Institute of Technology
Experimental Investigation of Fracture Toughness of 3D-Printed Poly Lactide Acid (PLA) Parts Blended with Polybutylene Succinate (PBS) and Amorphous Polyhydroxy Alkenoates (PHA)	Milad Azami, University of Massachusetts Lowell



Be sure to continue to check in at [3Dnatives](#) for 3Dp/AM news, information, and events!

Several exciting [events](#) have already taken place this year and more coming, such as ADDITIV Polymers 3.0 on October 9, 2025.



Stay tuned for more [ImplementAM - Powered by SPE](#) workshops coming to a city near you, in the US and Europe.



Stay tuned for more info related to the AM Session(s) at the upcoming [SPE Automotive Composites Conference & Exhibition \(ACCE\)](#): Sept. 3-5, 2025, Novi, MI.

Diversified Plastics, Inc., is now doing business as [Aprios Custom Manufacturing](#). Check out their new [website](#)!



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AM Industry Events & Activity

AMUG 2025

The [Additive Manufacturing Users Group \(AMUG\) 2025](#) conference was held March 30-April 3 in Chicago. Several SPE AM Chapter Board members participated and had a chance to catch up with SPE CEO and 3DNatives President Patrick Farrey. Our Past Chair Jason Lopes also received the President's Award.



Photo courtesy of Tuan TranPham
SPE AM Folks at AMUG 2025: (from left) Jay Dinsmore, Tuan TranPham, Patrick Farrey, Krysten Minnici, Mike Schorr

2025 AM Coalition DC Fly-In

The [Additive Manufacturing Coalition](#) held its second annual [DC Fly-In](#) May 6-8, 2025. Mike Schorr joined again this year along with 50+ other leaders in the AM industry. The group advocated for the AM industry in 100+ meetings in 2 days.



Photo courtesy of Mike Schorr
Mike Schorr (center, back row) along with other AM industry leaders at the US Capitol Building

2025 AMGTA Annual Member Summit

The [Additive Manufacturer Green Trade Association \(AMGTA\)](#) held its [Annual Member Summit](#) on April 7, 2025, in Detroit. Krysten Minnici participated, and Arkema received three sustainability awards.



Photo courtesy of Krysten Minnici
Krysten Minnici (right) with Arkema colleague at AMGTA

RAPID + tct 2025

The [Rapid + tct](#) event was held April 8-10, 2025, in Detroit. The event is one of the largest (likely the largest) 3D printing event in the US, featuring 500+ exhibitors, 140+ technical presentations, and 200+ expert speakers.

Other Past Events & Activities

- [AmericaMakes](#) hosted Additive Manufacturing Strategies 2025 summit Feb. 4-6, 2025, in New York.
- Stay up to date on industry events and lots of awesome 3D printing activities at [Tuan TranPham's LinkedIn page](#).

Future Events

- The [Plastic Product Decorating Summit](#) will be Sept. 3-5, 2025, in Charlotte, NC.
- [Formnext](#) will be held in Frankfurt, Germany, Nov. 18-21, 2025.

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from you!

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**ADDITIVE MANUFACTURING
CHAPTER**

Join or Renew Your Membership



Stay connected with other plastics professionals in the field of Additive Manufacturing/3D Printing.

If you are an SPE member, it is **free** to join the SPE AM Chapter!

Visit www.4spe.org.

HELP WANTED

Do you have a passion for AM and want to help educate plastics professionals about AM and vice versa?
Join the Board!

Let us know your interest at speadditivemanufacturing.org/contact-us.

Call for Sponsors

The **SPE Additive Manufacturing (AM) Chapter** invites you to take advantage of an opportunity to capture advertising space in our outgoing communications to our **>1,900 members**. Help align your company's image with advanced technology and future trends by submitting your logo or designed ads which will feature on the SPE AM Chapter website, newsletter, and other communications.

Sponsorships include ad space in our newsletter and on our website (speadditivemanufacturing.org). Sponsoring companies' logos may also be featured in other outgoing communications, which will add marketing value to the companies and bring color to our content. Please also reach out to us if you have educational content, such as published articles or white papers, that you feel our membership would benefit in reading.

Sponsorship options start from \$100. Rates cover the entire SPE term year (July 1 - June 30). Payments are handled through 4spe.org, and **credit card payments are accepted**. Size limit for digital file is 700 kB.

Reach out to discuss Sponsorship options and opportunities: Jay Dinsmore, SPE AM Chapter Chair, jay@dinsmoreinc.com.