



Society for the
Advancement of
Material and Process
Engineering

SAMPE

Los Angeles Chapter

News and Information



September
2022

Thermoplastic Composites Materials and Fabrication



**Presentation on
September 20, 2022 (Tuesday) at 6:00 PM**

Date:

09-20-22 (Tues)

Time:

6:00 PM PST

Reservations:

Register for the Zoom presentation.

Registration link at:

You are invited to a Zoom meeting.
When: Sept. 20, 2022 06:00 PM Pacific Time (US and Canada)

Register in advance for this meeting. Use link below:

[Link](#)

After registering, you will receive a confirmation email containing information about joining the meeting.

Meet David Leach

David Leach is the Director of Business Development at ATC Manufacturing. David has over 30 years' experience in polymers, composites and adhesives. He has spent most of his career in thermoplastic composites for aerospace and high-performance applications. His experience includes materials and process research, applications development, operations, new product introduction and business development. He has authored three book chapters and over 40 technical papers. He was inducted as a SAMPE Fellow in 2022.



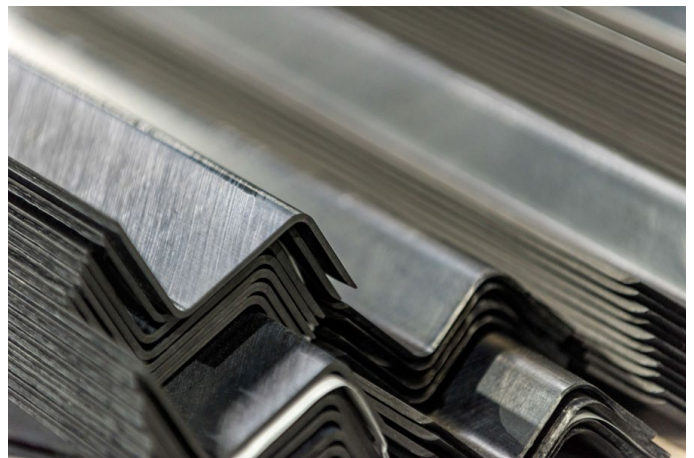
Presentation Abstract

Thermoplastic Composites (TPC) are an enabling technology for the next generation of high-performance applications. TPCs provide high-rate manufacturing, lower part cost and performance improvements compared to current technologies. This presentation will give an overview of thermoplastic composite material form, fabrication methods and applications.

Check out SAMPE Technical Committee on Thermoplastics – new members welcome. More information at [Thermoplastics Technical Committee | SAMPE](#)

ATC Manufacturing

ATC was founded in 2004 by Dan Jorgenson, an Industrial Engineer with thermoplastic composites and lean engineering expertise. ATC pioneers the adoption of continuous fiber thermoplastic composites in aerostructures. The company has a focus on providing high performance aerospace composite parts while bending the cost curve through rapid forming, high volumes and lean principles. ATC supplies more than 800,000 parts per year, operating in a state-of-the-art facility in the Eastern Washington, Northern Idaho region.



Thermoplastic Composite Parts

Schedule of Upcoming Events

Event	Presented From	Date
CAMX	Anaheim, CA	October 10 -13, 2022
SpinLaunch Tour	Long Beach, CA	October 25, 2022
Anaheim Electronics & Manufacturing Show	Anaheim, CA	November 16 -17, 2022

George and Irene Epstein Memorial Scholarship

The George and Irene Epstein Memorial Scholarship Awards were initiated in 1996 shortly after the death of Irene Epstein, to honor her volunteer efforts on behalf of the Society for the Advancement of Material and Process Engineering (SAMPE), and to recognize her strong desire to assist financially-needy, academically-deserving students at Fairfax High School (Los Angeles) to attend college to study engineering, science, mathematics, or medicine.

The George and Irene Epstein Memorial Scholarship Awards program was initially funded by contributions from The Aerospace Corporation and SAMPE. It is also supported by the Air Force Space Systems Manufacturing Problem Prevention Program (MP3).

The program is administered by Dr. Howard A. Katzman, Senior Scientist at The Aerospace Corporation, and Education Chairman of the Los Angeles Chapter of SAMPE.

Many individuals and companies have generously contributed to help the fund grow so the amount of the scholarship awards has increased five-fold since it started. In addition, a special Book Awards was introduced three years ago to help selected students in the purchase of their college textbooks. If you would like to donate or learn more about the scholarship, please contact Dr. Howard A. Katzman at 310-336-5860 or e-mail him at Howard.A.Katzman@aero.org.

Thank you all for your sponsorship and support of SAMPE – LA!!!

Our list of sponsors is growing!!! Sponsors get monthly exposure in our mailing to over 500 members and associates of the local chapters of SAMPE. Sponsors also get a link to their corporate webpage via the SAMPE Los Angeles Chapter website.

For information on being a sponsor, please contact:

Howard A. Katzman

(310)-336-5860

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