



THE COMPOSITES AND ADVANCED MATERIALS EXPO

OCTOBER 19-21

2021

KAY B. HUTCHISON
CONVENTION CENTER

DALLAS, TX

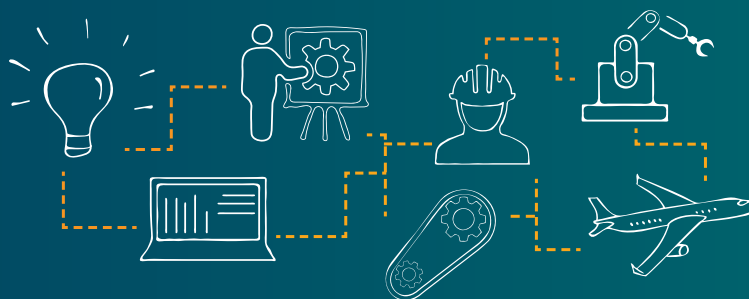
COMBINED STRENGTH. UNSURPASSED INNOVATION.

WE FORM
THE FUTURE

CAMX is where the future takes shape for today and tomorrow's composites and advanced materials, R&D, technology and applications. Find solutions and products revolutionizing transportation, aerospace, automotive, construction and infrastructure, wind energy, sports and leisure, medical, marine, and more. Join us!

REGISTER & BOOK YOUR HOTEL

www.thecamx.org



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CAMX – THE COMPOSITES AND ADVANCED MATERIALS EXPO

The Composites and Advanced Materials Expo gathers a diverse group of advanced materials and composites manufacturing leaders to explore and present the R&D, technology and applications influencing a myriad of industries today and into the future. See the future now! Register for CAMX.

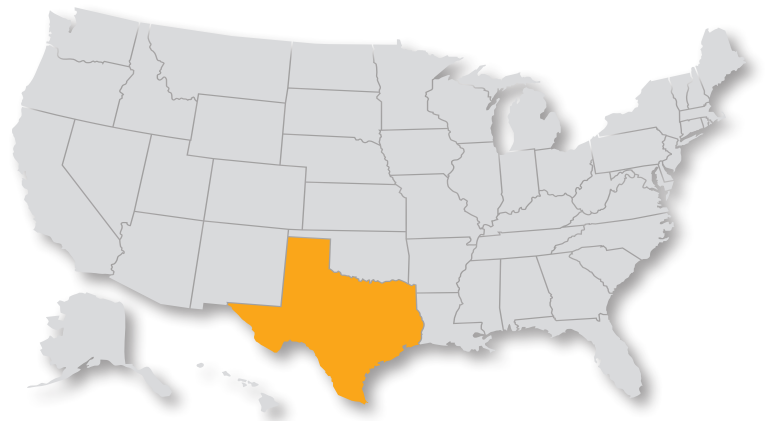
Join the biggest, most anticipated in-person industry reunion.

GET BUSINESS DONE SAFELY AT CAMX

The safety and security of CAMX attendees, exhibitors, and staff remains our #1 priority. The CAMX team is working hard to create a safe meeting environment that allows business to get done through new onsite safety protocols and measures. Review the latest information online at thecamx.org/keeping-you-safe.

PLAN AHEAD AND REGISTER

Planning for an event can be challenging, but we're here to help you make the most out of your investment. Find a detailed conference planning checklist to help you prepare before, during and after the show at thecamx.org/attendee-checklist.



This year's badges will have stickers to easily identify your comfort level for networking:



Handshakes are welcome



Air high-fives preferred

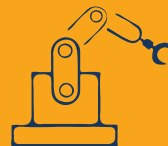
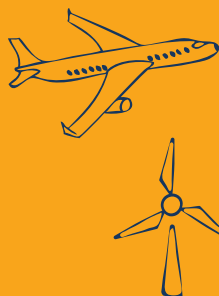


Please maintain social distance

WHO ATTENDS CAMX?

18% Sales or Marketing	6% Production, Manufacturing
17% Engineer, Purchaser, Estimator	3% Program Management
16% President, CEO, Owner	2% Tooling, Prototype
14% Research and Development	1% Instructor, Educator
8% General Management	1% Quality Control, Assurance

MARKET SEGMENTS



Aerospace/Aircraft
Architectural
Automotive
Bath
Construction
Consumer Goods

Electronics
Energy – Power Generation
Energy – Wind
Industrial
Infrastructure






Marine
Mass Transportation
Medical
Military/Government Applications
Pipe and Tank

Recreational Vehicles
Solid Surface Cast Polymers
Space
Sports Equipment
Swimming Pools

WHERE THE FUTURE OF COMPOSITES AND MANUFACTURING COME TOGETHER

CAMX delivers an experience like no other composites industry event — from a bustling marketplace on the exhibit hall show floor and ample networking opportunities, to a dynamic conference program and general session. Take advantage of all these features with your CAMX registration.

All CAMX registrations include:

Exhibit Hall Pass with unlimited access to 400 exhibitors		General Session featuring CAMX Awards announcements	
CAMX Park Place activities including Campfire Sessions and Networking		Welcome Reception with open bar, hors d'oeuvres, and networking	
CAMX Theater presentations from exhibitors, CAMX and ACE Award Winners, and complimentary programming on Thursday		Subscription to the monthly newsletter, CAMX Connection, with fresh industry news curated exclusively for CAMX by <i>CompositesWorld</i>	

Can't Make it to Dallas? Introducing CAMX+

CAMX+ is a digitally optimized experience that allows remote attendees to participate in CAMX from anywhere in the world. **CAMX+** attendees will be able to see some of the same content as in-person guests, plus a plethora of the world-class, on-demand educational sessions that you've come to expect at CAMX. The virtual content will be available through December 31, 2021.



REGULAR REGISTRATION

(In-person)

- Full conference access
- Access to the full virtual CAMX+ platform
- Exhibit Hall
- General Session (Keynote and CAMX Awards announcement)
- Welcome Reception
- Conference Proceedings
- Market Segment Reception
- Good Day, CAMX Breakfast



STUDENT REGISTRATION

(In-person)

- Full conference access
- Access to the full virtual CAMX+ platform
- Exhibit Hall
- General Session (Keynote and CAMX Awards announcement)
- Welcome Reception
- Conference Proceedings
- Market Segment Reception
- Good Day, CAMX Breakfast



EXHIBIT HALL ONLY REGISTRATION

(In-person)

- Exhibit Hall
- CAMX Theater presentations, Campfire Sessions, and CAMX Park Place activities
- General Session (Keynote and CAMX Awards announcement)
- Welcome Reception



CAMX+ REGISTRATION

(Virtual Only)

- Live Stream Sessions (General Session, Panels)
- Post-event Featured Sessions
- On-demand education sessions
- Online floorplan
- Post-event 1-on-1 chat with exhibitors
- Conference Proceedings

ACMA and SAMPE members receive registration discounts.

View current prices and register online at theCAMX.org/registration.

NEW CONNECTIONS THAT BUILD NEW POSSIBILITIES

ACMA MEMBERSHIP AWARDS CEREMONY & RECEPTION

Monday, October 18, 5:30 PM – 7:30 PM

Each year, ACMA is proud to provide a platform for its members to be honored for their work to develop critical markets and serve as industry leaders. Meet hundreds of industry professionals, and join us in celebrating this year's ACMA Membership Award winners!

SAMPE AWARDS CEREMONY & DINNER

Monday, October 18, Cocktails 5:00 PM – 5:30 PM

Dinner and Awards, 5:30 PM – 7:00 PM

The SAMPE Awards Ceremony will honor the 2021 society awards recipients. These awards recognize members for distinguished contributions in the field of material and process engineering. Network with the industry's top thinkers and leaders. All CAMX attendees are welcome, free of charge.

OPENING GENERAL SESSION

Tuesday, October 19, 8:30 AM - 10:00 AM

The General Session and CAMX Awards will feature Greg M. Ulmer, EVP of Aeronautics at Lockheed Martin. With more than 30 years of experience in the defense and aerospace industry, Ulmer has led a significant number of programs at Lockheed Martin while building an impressive record of leadership and strong customer relationships. Mr. Ulmer will kick off CAMX 2021 with an insightful and inspirational keynote at the General Session, open to all attendees and exhibitors, focusing on how composites innovations in the aerospace industry can be applied to a variety of manufacturing processes. Mr. Ulmer will also share insights gained from his leadership experience and lessons learned throughout his career. All CAMX attendees and CAMX+ registrants are invited. *The General Session is sponsored by Owens Corning.*



WELCOME RECEPTION

Tuesday, October 19, 5:00 PM – 6:00 PM

All attendees are invited to join us for drinks and light hors d'oeuvres. Mingle with composites professionals from around the world.

MARKET SEGMENT RECEPTION

Wednesday, October 20, 5:00 PM – 6:30 PM

Enjoy a cocktail and refreshments while engaging with industry leaders and professionals. The Market Segment Reception's theme is "Boots & Bubbles" and offers Texas-style merriment after the second day of CAMX. This reception is sponsored by Composites One.

YOUNG PROFESSIONALS MEET-UP

Wednesday, October 20, 5:30 PM - 6:30 PM

Bring business cards and introduce yourself to your industry peers. Gain insights to help navigate the industry at CAMX's annual Young Professionals Meet-Up, an informal networking event.

GOOD DAY, CAMX! BREAKFAST

Thursday, October 24, 8:00 AM – 9:00 AM

Passing the Torch isn't What it Used to Be: Managing Through Multi-Generational Challenges

Today's family businesses are blending tradition with the challenges of modern technologies and innovations. Learn how one composites manufacturer is transitioning from the old guard to the new with respect for the past and excitement for the possibilities in the future. Moderated by Marcy Offner, Composites One, this interactive discussion will feature Best Bath and its current CO-CEO, Megan Multanen, along with her father and Best Bath Founder and Chairman of the Board, Gary Multanen. They will discuss what they have learned from one another, where they differ, what the outlook for the future is.



SEE A FULL LIST OF CAMX
EVENTS AND PROGRAMS!
www.theCAMX.org



CONFERENCE PROGRAMMING

REAL-WORLD LEARNING WITH REAL-WORLD IMPACT

CAMX offers the most robust programming anywhere for the composites and advanced materials industry. The CAMX Conference Program provides timely topics and industry experts sharing their knowledge of over 150 different topics.

Tracks and Categories

Additive Manufacturing
Advances in Materials
Bonding and Joining
Business, Regulatory, and Workforce Development
Design, Analysis, and Simulation

Green & Sustainability
Manufacturing & Processing Technologies
Market Applications
Non-Destructive Evaluation & Testing

Featured Sessions

Tuesday, October 19
1:00 PM – 2:15 PM

Trends, Ideas, and Patterns Shaping the Composites Industry

The composites industry's wide variety of resins, fibers, processes, and end markets breeds highly knowledgeable specialists, but understanding the larger forces pushing and pulling the composites industry into the future requires a different, broader perspective.

Tuesday, October 19
3:00 PM – 4:15 PM

Graphene - Ready for Prime Time!

This session will cover the rapid advances being made regarding graphene production, applications, regulatory approvals, and standards development, making graphene ready for use in a wide range of composites applications.

Wednesday, October 20
8:15 AM – 9:30 AM

Marine Composites Engineering for Product Quality, Resilience and Manufacturing Efficiency

Panelists for this session will discuss the new techniques, materials, methods, and processes of how to engineer and build composite boats that meet modern demands.

Wednesday, October 20
9:45 AM – 11:00 AM

Composites Factory of the Future

Composites factory of the future represents the evolution of technology to drive increased efficiency in manufacturing. It encompasses the full extent of automation, data acquisition, analytics, and artificial intelligence technologies, to drive increased efficiency, decreased downtime, operational insights, reduced scrap, and preventative maintenance signals.

Wednesday, October 20
1:30 PM – 2:15 PM

Composite Technology Trends in GE Renewable Energy and Aviation

This featured presentation will interview Wendy W. Lin, a Composite Consulting Engineer at GE Renewable Energy, about GE's composite technologies in Renewable Energy and Aviation.

Wednesday, October 20
2:30 PM – 3:45 PM

Sustainability of Composite Materials: How Customers View our Industry

Composite materials are used in a wide variety of applications, from cars to construction, boats to bicycles, and electrical to industrial. Each market segment has its own perspective on sustainability.

Thursday, October 21
10:00 AM – 11:00 AM

Thermoplastic Composites – Can They Deliver on the Hype?

Thermoplastic composites are seen as an enabling technology for high-rate aerospace programs including Advanced Air Mobility, unmanned vehicles, and the next generation of commercial aircraft. **Open to all CAMX attendees in the CAMX Theater.**

20
Education
Sessions



74
Tech Paper
Presentations



42
On-demand
Sessions



163
Speakers &
Moderators



7
Featured
Sessions

108
Onsite
Conference
sessions

Don't miss out! Register today at theCAMX.org/registration.

GET BUSINESS DONE IN ONE MARKETPLACE

THE COMPOSITES WORLD REUNITES IN DALLAS

Texas is home to many of the world's leading manufacturing companies and the Dallas region is bustling with arts, culture, and historic sites. Attend dinner meetings, preferably over some Texas-style BBQ, and gather with your friends and colleagues to enjoy a little culture and history.

OFFICIAL CAMX 2021 HOTELS

The CAMX housing block includes seven premier hotels conveniently located near the Kay Bailey Hutchison Convention Center. Special discounts for CAMX attendees are available only through the CAMX housing bureau, Conference Direct. Hotels are filling up and rates will increase on September 23, 2021.

BOOK YOUR ROOM AT theCAMX.org/hotel-travel



COMPLIMENTARY EDUCATION AND NETWORKING



CAMX PARK PLACE

Presented by Gardner Business Media and CompositesWorld

Meet other composites professionals and industry leaders at CAMX Park Place (formerly known as Innovation Park). Each section of the park includes zones providing an open, non-intimidating setting for learning, networking, and industry exploration.



CAMPFIRE SESSIONS

Learn from subject matter experts in a collaborative setting and share your ideas about new trends and industry developments during campfire sessions, located in "The Hub" at CAMX Park Place. Topics of interest include composites industry training, diversity and inclusion, public speaking and first impressions, and more.

CAMX THEATER

The CAMX Theater will feature 16 presentations, a combination of complimentary technical sessions featuring new products and solutions, award presentations and announcements, press conferences, and more. Review the schedule online using MyCAMX planner at bit.ly/camx21-presentation-theater.

LIVE DEMONSTRATIONS

CAMX features a unique three-day learning experience with 7 live demos that focus on knowledge, innovation, dependability, and results. Watch and learn from industry leaders about the latest technologies that can help you drive efficiency and save real costs... only at CAMX!

400 EXHIBITS

THOUSANDS OF OPPORTUNITIES

WHAT'S ON THE SHOW FLOOR?

The CAMX Exhibit Hall will include 400 composites and advanced materials exhibits. Find products from:

- Additive Manufacturing
- Additives/Fire Retardants/Fillers
- Adhesives & Sealants
- Aerospace
- Air Pollution Control
- Armor/Ballistic Materials
- Assembly/Bonding Equipment
- Autoclave
- Automated Fiber Placement
- Automation Equipment
- Auxiliary Processing
- Blenders/Mixers
- Braiding, Knitting/Stitching
- CNC Machining Equipment
- Carbon Fiber Systems
- Carbon Fibers
- Ceramic Materials
- Cleaning Products
- Coatings
- Composites Structural Elements
- Compounds/Putties
- Computer Hardware/Software
- Consulting Services
- Core Materials
- Cure Initiators/Catalysts
- Cutting Equipment
- Design Product Development Services
- Education/Training
- Electrical/Electronic
- Fabricating Supplies
- Fabrics
- Fasteners
- Filament Winding Equipment
- Foams
- Glass Fibers
- Infrared Curing Systems
- Infusion Equipment
- Laser Projection
- MRO - Maintenance, Repair, Operations
- Manufacturing Process Development
- Material Research and Development
- Matrix Materials
- Mold Release Systems
- Nano Materials
- Out-of-Autoclave (OOA)
- Ovens/Dryers/Furnaces
- Preforms
- Prepreg Manufacturing/Handling Equipment
- Prepregs
- Presses/Compression
- Process Control
- Pultrusion Machinery
- Reinforcements
- Repair
- Resin Transfer Molding
- Resin and/or Gel Coat
- Safety Equipment and Supplies
- Sporting Equipment
- Temperature Monitoring/Recording
- Testing Equipment
- Testing Laboratory
- Thermoplastics
- Tooling, Mold and Plugs
- Tools and Tooling Equipment
- Ventilating Equipment/Dust/Odor Control

60
PRODUCT
CATEGORIES



WHAT'S IN THE EXHIBIT HALL?

Nearly 400 exhibitors ready to do business with you

CAMX Theater

CAMX Park Place (formerly known as Innovation Park)

CAMX Awards and ACE Awards Pavilions

Campfire Sessions



FIND THE FULL LIST OF CAMX
EXHIBITORS ONLINE AT
www.theCAMX.org



October 19-21, 2021

Dallas, TX, USA and all-new

CAMX+ for remote attendees

ADVANCE YOUR KNOWLEDGE OF COMPOSITES AND ADVANCED MATERIALS

Come find and learn about the latest developments in composite technology, aftermarket products, material advancements, award-winning presentations, leading education sessions, and unparalleled networking opportunities with thousands of industry professionals. Join us this October in Dallas, and form the future.



REGISTER TODAY. DON'T DELAY!
theCAMX.org/registration

21680 Gateway Center Drive, Suite 300
Diamond Bar, CA 91765-2454

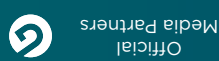
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2021

DALLAS, TX

KAY B. HUTCHISON
CONVENTION CENTER

OCTOBER 19-21

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CAMX

Welcome Back