



Sponsorship Information

A list of participants from industry and government agencies in previous American Society for Composites (ASC) conferences

1. Aerospace & Defense OEM Prime Contractors

Major aerospace and defense prime contractors attend, author research, and participate in technical committees across dynamic structural mechanics, impact damage, fatigue, and manufacturing:

- **The Boeing Company** (commercial and defense composite structures)
- **Lockheed Martin Corporation** (aeronautics and space division research)
- **Northrop Grumman Corporation** (aerospace and launch systems)
- **General Atomics Aeronautical Systems** (unmanned aerial systems)
- **Bell Textron Inc.** (rotary-wing composite technology)
- **Sikorsky / Lockheed Martin** (rotorcraft composite structures)
- **BAE Systems** (defense structures and advanced material engineering)
- **Raytheon Technologies (RTX)** (including Pratt & Whitney and Collins Aerospace)

2. Advanced Material Manufacturers, Resin & Fiber Suppliers

Prepreg manufacturers, carbon fiber producers, specialized core resin/adhesive suppliers, and advanced thermoplastic/thermoset chemical providers:

- **Syensqo** (formerly Solvay Composite Materials)
- **Toray Composite Materials America (Toray CMA)**
- **Hexcel Corporation**
- **Teijin Carbon / Toho Tenax**
- **Mitsubishi Chemical Group / Carbon Fiber & Composites**
- **Specialty Materials, Inc.** (boron fiber and silicon carbide reinforcement materials)
- **Evonik Industries** (structural foam cores and PMI technology)
- **Huntsman Advanced Materials** (epoxy resin systems and structural adhesives)
- **Owens Corning** (glass fiber reinforcements)

3. Specialized Composites Engineering, Manufacturing & Tier 1/2 Suppliers

Tier-1/2 sub-tier manufacturers, automation tooling, 3D printing/continuous fiber additive manufacturing, and specialized composite component fabricators:

- **Janicki Industries** (large-scale aerospace tooling and complex composite structures)
- **9T Labs** (continuous fiber 3D printing and industrial manufacturing)
- **iCOMAT** (tailored fiber placement / steering manufacturing technologies)
- **Albany Engineered Composites (AEC)** (3D woven composite structures)
- **GKN Aerospace** (aerospace aerostructures and engine components)
- **Spirit AeroSystems** (aerospace aerostructure assemblies)
- **Electroimpact** (Automated Fiber Placement (AFP) and Automated Tape Laying (ATL) machinery)

4. Engineering Software, Simulation & Multiscale Modeling Vendors

Simulation software, integrated computational materials engineering (ICME), finite element analysis (FEA), and process modeling providers:

- **Collier Aerospace** (HyperX structural analysis and design optimization software)
- **Ansys** (including Ansys Composite PrepPost and Material Intelligence)
- **Dassault Systèmes** (Abaqus FEA, CATIA Composites, and SIMULIA suite)
- **Altair Engineering** (OptiStruct, HyperWorks material modeling)
- **Convergent Manufacturing Technologies** (COMPRO thermal and process simulation)
- **Siemens Digital Industries Software** (Fibersim and Simcenter)
- **Multiscale Design Systems / Altair MDC** (micromechanics and multiscale constitutive modeling)
- **AlphaSTAR Corporation** (GENOA / MCQ composite failure analysis)

5. Material Testing Equipment, Characterization & NDE Suppliers

Mechanical testing hardware, non-destructive evaluation (NDE), digital image correlation (DIC), and specialized measurement instrumentation firms:

- **Instron** (electromechanical and hydraulic mechanical testing systems)
- **MTS Systems Corporation** (structural fatigue and force mechanical test equipment)

- **Correlated Solutions, Inc.** (Digital Image Correlation (DIC) 3D deformation measurement)
- **Trilion Quality Systems** (optical 3D measuring systems for structural testing)
- **Shimadzu Scientific Instruments** (materials characterization and dynamic impact testing)
- **Olympus / Evident Scientific** (ultrasonic and NDT inspection systems)
- **ZwickRoell** (materials testing machines)

6. Government Agencies, Defense Organizations & National Laboratories

US Department of Defense (DoD), Department of Energy (DoE), civil aviation, and aerospace research centers:

- **United States Air Force (USAF) & DoD Entities:**
 - **Air Force Research Laboratory (AFRL)** (Materials & Manufacturing Directorate, Aerospace Systems Directorate)
 - **Air Force Office of Scientific Research (AFOSR)**
 - **Naval Air Systems Command (NAVAIR)**
 - **Naval Surface Warfare Center (NSWC)**
 - **Office of Naval Research (ONR) / ONR Global**
 - **US Army Combat Capabilities Development Command (DEVCOM)** (Army Research Laboratory - ARL)
- **National Aeronautics and Space Administration (NASA):**
 - **NASA Langley Research Center (LaRC)**
 - **NASA Glenn Research Center (GRC)**
 - **NASA Marshall Space Flight Center (MSFC)**
 - **NASA Ames Research Center**
- **US Department of Energy (DoE) & National Laboratories:**
 - **Oak Ridge National Laboratory (ORNL)** (Manufacturing Demonstration Facility - MDF)
 - **Pacific Northwest National Laboratory (PNNL)**
 - **Sandia National Laboratories (SNL)**
 - **Lawrence Livermore National Laboratory (LLNL)**
 - **National Renewable Energy Laboratory (NREL)** (wind turbine blade composite materials)

- **Civil Regulatory & Research Bodies:**
 - **Federal Aviation Administration (FAA)** (Joint Advanced Materials and Structures Center of Excellence - JAMS)
 - **National Institute of Standards and Technology (NIST)**

7. Specialized Research Centers, Affiliated Institutes & Consortia

Non-profit, industry-university cooperative research centers, and affiliated technological institutes participating alongside industry/government:

- **Wichita State University – National Institute for Aviation Research (NIAR)**
- **University of Dayton Research Institute (UDRI)**
- **University of Delaware Center for Composite Materials (UD-CCM)**
- **National Institute of Aerospace (NIA)**
- **Institute for Advanced Composites Manufacturing Innovation (IACMI)**
- **Center for High-Performance Manufacturing (CHPM)**