



AEROMAT | 2026

ADVANCED MATERIALS & PROCESSES —
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SHOW GUIDE

JUNE 2-4, 2026

WEST PALM BEACH, FLORIDA

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ADVANCED MATERIALS & PROCESSES

AeroMatEvent.org



1 H 1.00794 Hydrogen																	2 He 4.002602 Helium
3 Li 6.941 Lithium	4 Be 9.012182 Beryllium											5 B 10.811 Boron	6 C 12.0107 Carbon	7 N 14.0067 Nitrogen	8 O 15.9994 Oxygen	9 F 18.9984032 Fluorine	10 Ne 20.1797 Neon
11 Na 22.98976928 Sodium	12 Mg 24.305 Magnesium											13 Al 26.9815386 Aluminum	14 Si 28.0855 Silicon	15 P 30.973762 Phosphorus	16 S 32.065 Sulfur	17 Cl 35.453 Chlorine	18 Ar 39.948 Argon
19 K 39.0983 Potassium	20 Ca 40.078 Calcium	21 Sc 44.955912 Scandium	22 Ti 47.867 Titanium	23 V 50.9415 Vanadium	24 Cr 51.9961 Chromium	25 Mn 54.938045 Manganese	26 Fe 55.845 Iron	27 Co 58.933195 Cobalt	28 Ni 58.6934 Nickel	29 Cu 63.546 Copper	30 Zn 65.38 Zinc	31 Ga 69.723 Gallium	32 Ge 72.64 Germanium	33 As 74.9216 Arsenic	34 Se 78.96 Selenium	35 Br 79.904 Bromine	36 Kr 83.798 Krypton
37 Rb 85.4678 Rubidium	38 Sr 87.62 Strontium	39 Y 88.90585 Yttrium	40 Zr 91.224 Zirconium	41 Nb 92.90638 Niobium	42 Mo 95.96 Molybdenum	43 Tc (98.906) Technetium	44 Ru 101.07 Ruthenium	45 Rh 102.9055 Rhodium	46 Pd 106.42 Palladium	47 Ag 107.8682 Silver	48 Cd 112.411 Cadmium	49 In 114.818 Indium	50 Sn 118.71 Tin	51 Sb 121.76 Antimony	52 Te 127.6 Tellurium	53 I 126.90447 Iodine	54 Xe 131.293 Xenon
55 Cs 132.9054 Cesium	56 Ba 137.327 Barium	57 La 138.90547 Lanthanum	72 Hf 178.49 Hafnium	73 Ta 180.948 Tantalum	74 W 183.84 Tungsten	75 Re 186.207 Rhenium	76 Os 190.23 Osmium	77 Ir 192.217 Iridium	78 Pt 195.084 Platinum	79 Au 196.966569 Gold	80 Hg 200.59 Mercury	81 Tl 204.3833 Thallium	82 Pb 207.2 Lead	83 Bi 208.9804 Bismuth	84 Po (209) Polonium	85 At (210) Astatine	86 Rn (222) Radon
87 Fr 223 Francium	88 Ra (226) Radium	89 Ac (227) Actinium	104 Rf (261) Rutherfordium	105 Db (262) Dubnium	106 Sg (263) Seaborgium	107 Bh (264) Bohrium	108 Hs (265) Hassium	109 Mt (266) Meitnerium	110 Ds (271) Darmstadtium	111 Rg (272) Roentgenium	112 Cn (285) Copernicium	113 Nh (286) Nihonium	114 Fl (289) Flerovium	115 Mc (290) Moscovium	116 Lv (293) Livermorium	117 Ts (294) Tennessine	118 Og (294) Oganesson

58 Ce 140.116 Cerium	59 Pr 140.90765 Praseodymium	60 Nd 144.242 Neodymium	61 Pm 145 Promethium	62 Sm 150.36 Samarium	63 Eu 151.964 Europium	64 Gd 157.25 Gadolinium	65 Tb 158.92535 Terbium	66 Dy 162.5 Dysprosium	67 Ho 164.93032 Holmium	68 Er 167.259 Erbium	69 Tm 168.93421 Thulium	70 Yb 173.054 Ytterbium	71 Lu 174.9668 Lutetium
90 Th 232.0376 Thorium	91 Pa 231.03688 Protactinium	92 U 238.02891 Uranium	93 Np (237) Neptunium	94 Pu (244) Plutonium	95 Am (243) Americium	96 Cm (247) Curium	97 Bk (247) Berkelium	98 Cf (251) Californium	99 Es (252) Einsteinium	100 Fm (257) Fermium	101 Md (258) Mendelevium	102 No (259) Nobelium	103 Lr (262) Lawrencium

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Are you navigating the evolving challenges of aerospace materials, including supply chain resilience, sustainability, and the development of advanced material systems for next-generation applications? Then join us at the 37th AeroMat Conference & Exposition (AeroMat 2026) from June 2 to 4 in West Palm Beach, Florida, where industry leaders and innovators will come together to explore the latest advancements shaping the future of aerospace materials. The technical program features a wide range of sessions covering critical topics such as additive manufacturing, lightweight materials, high-temperature alloys, coatings, and material performance in extreme environments. Attendees will gain valuable insights from keynote presentations delivered by leading experts, as well as panel discussions addressing current industry challenges and emerging opportunities. The exposition will showcase a diverse group of exhibitors presenting cutting-edge technologies, products, and services that support the aerospace materials community. In addition to the robust technical content, AeroMat 2026 offers valuable networking opportunities, including social events designed to foster collaboration and connection among professionals across the industry.

Join us in West Palm Beach for an engaging and informative experience as we collectively advance the future of aerospace materials.

Christian Rueckert,
Airbus - Conference Chair

Jason Scheuring,
Kaiser Aluminum - Conference Vice Chair

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#aeromat2026



GENERAL INFORMATION

CONFERENCE REGISTRATION HOURS

Palm Beach County Convention Center

DAY/DATE	HOURS
Tuesday, June 2	7:00 a.m. – 5:30 p.m.
Wednesday, June 3	7:30 a.m. – 5:00 p.m.
Thursday, June 4	7:30 – 11:00 a.m.

EXPOSITION DATES AND TIMES

Palm Beach County Convention Center
Exhibit Hall A

TUESDAY, JUNE 2	
Exhibits Open	9:30 a.m. – 6:30 p.m.
Morning Refreshment Break	10:30 – 11:00 a.m.
Keynote Session on the Exhibit Floor	11:00 a.m. – 12:00 p.m.
*Lunch	12:00 – 1:30 p.m.
Afternoon Refreshment Break	3:30 – 4:00 p.m.
Keynote Sessions on the Exhibit Floor	4:00 – 5:00 p.m.
Welcome Reception with Exhibitors	5:00 – 6:30 p.m.
WEDNESDAY, MARCH 13	
Exhibits Open	9:30 a.m. – 4:30 p.m.
Morning Refreshment Break	10:00 – 10:30 a.m.
Panel Discussion on the Exhibit Floor	10:30 a.m. – 12:00 p.m.
*Lunch	12:00 – 1:00 p.m.
Afternoon Refreshment Break	2:30 – 3:00 p.m.
Keynote Session on the Exhibit Floor	3:00 – 4:00 p.m.

**Full conference registrants receive a lunch voucher on Tuesday and Wednesday*

MOBILE APP

Download the official event app for Apple and Android devices by searching 'AeroMat 2026'.

SPECIAL NOTE: The only way to view the full AeroMat technical program is via the mobile app or via the AeroMat 2026 website.

Access all of the following features on your smart phone:

- Search for exhibitors, read their company profiles, and request meetings
- Locate the booths of your favorite exhibitors on the exhibit hall floor plan
- View the technical schedule and search for presentations that interest you
- Create an itinerary and review your saved presentations and exhibitors
- Search for speakers and connect with other attendees at the event
- Complete a survey to share your feedback and experience

STAY CONNECTED AT THE SHOW

Follow show news on Twitter, Facebook and LinkedIn. Share your photos and videos by using #AeroMat2026.

SESSION CHAIRS

Session Chair Packets will be available daily starting at 7:00 a.m. each morning of the conference. AeroMat Session Chairs should pick up their packets in **Coral E**. Packets will include the session schedule, author biographies, pertinent session details. Please meet your presenting authors in the session room thirty minutes prior to the start of the session to upload presentations.

SPEAKERS

All speakers should plan to meet in the room of your presentation thirty minutes prior to the start of your session. This will allow all speakers the opportunity to meet their session chair and go over any final conference details and audio-visual concerns.

REFRESHMENT BREAKS AND LUNCHESES

Morning and afternoon refreshment breaks will be provided. Lunch is provided for Full Conference registrants on Tuesday and Wednesday.

Novelis



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Working alongside industry leaders, we continue to advance low-carbon, high-performance solutions that meet the most rigorous aerospace standards.



AEROMAT 2026 ORGANIZING COMMITTEE

Special thanks to the AeroMat 2026 technical program volunteers for another outstanding conference. Your hard work and dedication are greatly appreciated.

ORGANIZING COMMITTEE

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Airbus

Conference Vice Chair
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Forging Fluids



The SIFCO Process®
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Cleaners



Metal Finishing Lubricants

Visit us at **Booth 402**

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AEROMAT PROGRAM AT A GLANCE

Tuesday, June 2

7:00 a.m. – 5:30 p.m.	Registration Opens
8:00 a.m. – 4:00 p.m.	Technical Programming
9:30 a.m. – 6:30 p.m.	Exhibit Hall Open
10:30 – 11:00 a.m.	Morning Refreshment Break
11:00 a.m. – 12:00 p.m.	Keynote: Dr. Claudio Dalle Donne, Airbus
12:00 – 1:30 p.m.	Lunch
3:30 – 4:00 p.m.	Afternoon Refreshment Break
4:00 – 5:00 p.m.	Keynote: Dr. Tyler Nester, NASA
5:00 – 6:30 p.m.	Welcome Reception with Exhibitors Sponsored by: Novelis

Wednesday, June 3

7:30 a.m. – 5:00 p.m.	Registration Opens
8:00 a.m. – 5:30 p.m.	Technical Programming
9:30 a.m. – 4:30 p.m.	Exhibit Hall Open
10:00 – 10:30 a.m.	Morning Refreshment Break
10:30 a.m. – 12:00 p.m.	Panel Discussion
12:00 – 1:00 p.m.	Lunch
2:30 – 3:00 p.m.	Afternoon Refreshment Break
3:00 – 4:00 p.m.	Keynote: Dr. Shuai Shao, The National Center for Additive Manufacturing Excellence (NCAME), Auburn University
6:00 – 9:00 p.m.	Social Networking Event at Hilton West Palm Beach

Thursday, June 4

7:30 – 11:30 a.m.	Registration Opens
8:00 – 11:00 a.m.	Technical Programming
10:00 – 10:30 a.m.	Morning Refreshment Break
11:00 a.m.	Conference Concludes

SPECIAL EVENTS

Welcome Reception with Exhibitors

TUESDAY, JUNE 2 | 5:00 - 6:30 P.M. | EXHIBIT HALL A

Sponsored by: **Novelis**

The first day of the conference ends with a dedicated reception in the Exhibit Hall. Catch up with industry colleagues, make new friends and conduct business, while enjoying hors d'oeuvres and a glass of beer or wine.

Social Networking Event*

WEDNESDAY, JUNE 3 | 6:00 - 9:00 P.M. | HILTON WEST PALM BEACH

Join fellow attendees for an evening of connection and conversation with a Hawaiian-themed luau at the Hilton West Palm Beach. Guests will enjoy dinner and drinks while networking with peers, industry leaders, and innovators from across the aerospace materials community. The evening provides an inviting atmosphere to exchange ideas, strengthen connections, and unwind after a full day of technical programming. This event is the perfect opportunity to engage with the AeroMat community!

**Separate ticket purchase is required.*

AEROMAT KEYNOTE SESSIONS

Sponsored by:  **Constellium**



Tuesday, June 2

11:00 a.m. – 12:00 p.m.
Exhibit Hall A – Industry Forum

Dr. Claudio Dalle Donne

Vice President and Head of Materials,
Processes, and Tests
Airbus

*“Future Materials: Resilience, Digitalization, and
Circularity for Next Generation Commercial Aircraft”*



Tuesday, June 2

4:00 – 5:00 p.m.
Exhibit Hall A – Industry Forum

Dr. Tyler Nester

Moon-to Mars Chief Engineer
NASA

“Moon to Mars – Artemis II Mission...Next Steps”



Wednesday, June 3

3:00 – 4:00 p.m.
Exhibit Hall A – Industry Forum

Dr. Shuai Shao

Associate Professor of Mechanical Engineering
*The National Center for Additive Manufacturing Excellence (NCAME),
Auburn University*

*“Potential for Model-Assisted and Data-Driven Qualification of Additively Manufactured
Metallic Materials and Parts”*

AEROMAT PANEL DISCUSSION

AI for Materials Modeling and Design

Wednesday, June 3 | 10:30 a.m. – 12:00 p.m. | Exhibit Hall A – Industry Forum

MODERATOR: Christian Rueckert, *Airbus*

PANELISTS:

Changning Niu, *QuesTek Innovations*
Eli Ross, *Pratt & Whitney*

Waruna Seneviratne, *NIAR, Wichita State University*

Timothy Warner, *Constellium*
Christian Weimer, *Airbus*

With the proliferation of Artificial Intelligence capabilities, inclusion of this tool in the design of both materials and structures is taking place with numerous materials systems on various mobility platforms. As the deployment of the technology is being evaluated and implemented, in some cases blurring the line between materials, parts, and systems, various aspects of the execution are under scrutiny.

Though the use of this technology is not new, the continued proliferation of various AI platforms and increase in computing power has driven increasing access to more engineers and scientists. These investments – estimated to be over \$110 Billion in 2024 in the US alone – in large data storage, various AI architectures, learning techniques, validation models, and data analytics continue to support the expanding use of AI.

Questions for this panel will range from:

- How has Artificial Intelligence influenced your company’s design and production capabilities?
- Are there downsides to using Artificial Intelligence for design of materials?
- Security concerns on “cloud usage”?
- Decision point to implement AI? Where, when, and what platform?
- Can you indicate the viability of customized materials in your field? With respect to being able to produce tailored, point design materials? With respect to regulatory implementation and acceptance?
- Are there downsides to using Artificial Intelligence for the design of mobility platforms?
- Concerns on potential loss of “engineering judgement”?

The panel of experts will discuss these, and other, various challenges associated with use of AI in their engineering of materials, components, and platforms.

AEROMAT | 2027

MAY 25-27, 2027 | PALM SPRINGS, CALIFORNIA

RENAISSANCE PALM SPRINGS HOTEL

AEROSPACE MATERIALS & PROCESSES: PAST, PRESENT, AND FUTURE

CALLING ALL AUTHORS

Join us for the 38th AeroMat Conference & Exposition, taking place May 25–27, 2027, in Palm Springs, California. As the aerospace sector continues to evolve, advancements in materials development, manufacturing, design, and characterization remain central to enabling next generation capabilities.

Legacy materials continue to be refined through improved utilization and characterization methods, supporting OEM efforts to evaluate cost effective systems and modern manufacturing approaches. With many past and current platforms expected to remain in service for years to come, analytical needs for these materials continue to expand as new tools and techniques emerge.

Contemporary materials are undergoing continuous refinement to meet platform level constraints, including cost targets, production rate readiness, and manufacturability requirements. Technical sessions will address these constraints and present data driven approaches to resolving them.

Looking ahead, organizations across the industry will showcase newly engineered materials designed for future aerospace structures and propulsion systems.

We invite you to join industry, government, and academic leaders as they present insights in addition to keynote speakers and panel discussions on materials that have shaped the past, define the present, and enable the future of aerospace.

AeroMat 2027 will only accept abstract submissions of 300 words or less in English via our online abstract service. Please go to www.AeroMatEvent.org to begin your submission process. The system is self-explanatory and will allow the user return access after signing up. Then the abstract may be edited as needed before the **November 16, 2026** deadline.

**To maintain the integrity of AeroMat, please obtain pre-approval to present your work at the conference before submitting your abstract. All costs associated with your participation will be at your expense (travel, housing, and registration fee).*

Abstracts are currently being solicited for (but not limited to) the following topics:

- Additive Manufacturing
- Sustainable and Enabling Materials and Processes
- Titanium Alloy Technology
- Light Alloy Technology
- Welding and Joining
- Aerospace Coatings
- High Temperature and Gas Turbine Materials
- Modeling and Simulation of Manufacturing Processes
- Integrated Computational Materials Engineering
- Residual Stress for Aerospace Components
- Space Materials and Applications
- Advanced Forming and Thermomechanical Processing
- Materials Characterization and Failure Analysis
- Low Cost Manufacturing and Affordable Structures
- Composite Materials and Structures
- Tribology and Wear of Aerospace Materials
- Multifunctional Materials

AEROMAT | 2026

SHOW DIRECTORY

EXHIBIT DATES & TIMES

West Palm Beach Convention Center , Exhibit Hall A

Tuesday, June 2

Exhibits Open	9:30 a.m. – 6:30 p.m.
Morning Refreshment Break	10:30 – 11:00 a.m.
Keynote Session on the Exhibit Floor	11:00 a.m. – 12:00 p.m.
*Lunch	12:00 – 1:30 p.m.
Afternoon Refreshment Break	3:30 – 4:00 p.m.
Keynote Session on the Exhibit Floor	4:00 – 5:00 p.m.
Welcome Reception with Exhibitors	5:00 – 6:30 p.m.

Wednesday, June 3

Exhibits Open	9:30 a.m. – 4:30 p.m.
Morning Refreshment Break	10:00 – 10:30 a.m.
Panel Discussion on the Exhibit Floor.....	10:30 a.m. – 12:00 p.m.
*Lunch	12:00 – 1:00 p.m.
Afternoon Refreshment Break	2:30 – 3:00 p.m.
Keynote Session on the Exhibit Floor	3:00 – 4:00 p.m.

**Full conference registrants receive a lunch voucher on Tuesday and Wednesday*

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Florida Tech	210
JR Automation	304
KEYENCE Corporation of America	411
K-Tube Technologies	406
Kwikbolt USA	302
Laboratory Testing (LTI)	403
Leach International	311
Materion Corporation	410
Oberg Industries	306
Proto X-ray Diffraction	404
Quaker Houghton	402
Revel	206
Safran USA Inc	303
SiteVue AI	202
SUGINO	407
Transvalor Americas	510
Verizon Business	207
Westmoreland Mechanical Testing & Research, Inc.	503

**As of May 20, 2026*

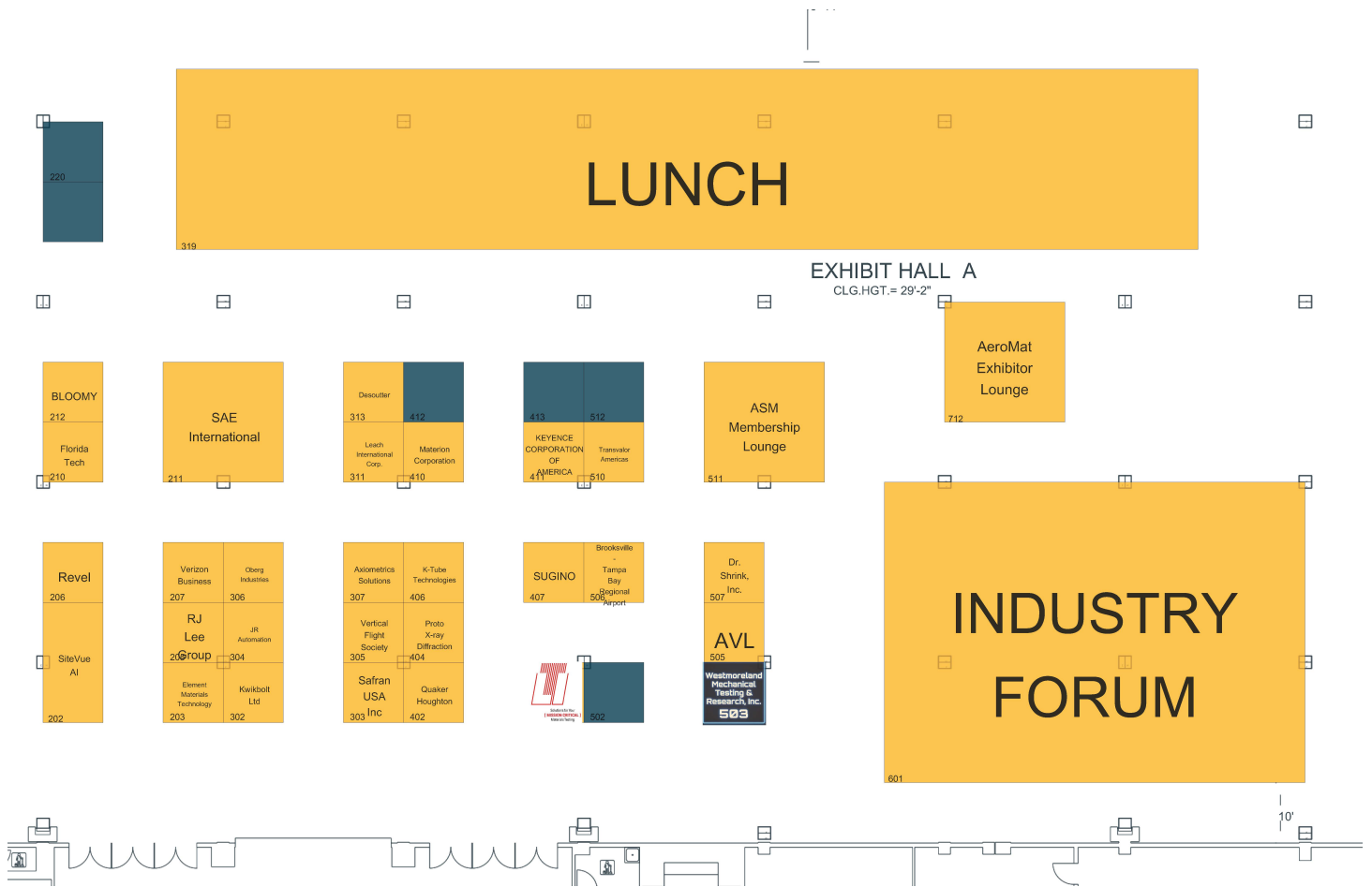
AEROMAT | 2026

EXHIBIT HALL FLOOR PLAN

WEST PALM BEACH CONVENTION CENTER

Tuesday, June 2 | 9:30 a.m. – 6:30 p.m.

Wednesday, June 3 | 9:30 a.m. – 4:30 p.m.



EXHIBITOR COMPANY DESCRIPTIONS

AALBERTS SURFACE TECHNOLOGIES

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EXHIBITOR COMPANY DESCRIPTIONS

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As of May 20, 2026