4 EVENTS • 1 LOCATION

HEAT TREAT | 2027

IMAT
ELEVATING PERFORMANCE TOGETHER

COLD SPRAY
NORTH AMERICAN COLD SPRAY CONFERENCE 2027

MATERIALS SOLUTIONS EXPO • 2027
ENGINEERED FOR ROI

RS
RESIDUAL STRESS
TECHNOLOGY CONFERENCE

Exhibitor Prospectus

October 4–7, 2027
Greater Columbus Convention Center | Columbus, Ohio

ASM INTERNATIONAL

Bigger Than Ever: Co-Located for Maximum Reach



ASM International continues a proven format: co-location with **Heat Treat 2027, IMAT** (ASM's flagship International Materials, Applications & Technologies Conference), the **ASM Annual Meeting,** the **North American Cold Spray Conference (NACSC),** and the **Residual Stress Technology Conference (RSTC).** This puts your booth in front of five audiences under one roof:

- Heat treating and thermal processing professionals
- The broader materials science and engineering community attending IMAT
- ASM's leadership, members, and organizational partners at the Annual Meeting
- Cold spray technology specialists from aerospace, defense, and industrial repair sectors via NACSC

One exhibit floor. One trip. Five audiences of decision-makers, specifiers, and technical buyers — now landing in Columbus for 2027.

» On the Show Floor: Where the Action Happens

2 Days of Exhibits, Packed With Activity

- Keynote Sessions — Draw the full crowd with high-profile industry speakers.
- Welcome Reception — The event's official kickoff, held right on the show floor.
- Daily Refreshment Breaks & Lunch — Built-in, recurring reasons for attendees to circulate the floor.
- Solutions Center — Featuring exhibitor and industry-focused presentations, giving your company a platform to showcase expertise directly to attendees.
- Panel Discussion — Bringing together industry voices on the topics attendees care about most.
- Poster Session — Technical research on display, drawing engineers and researchers to engage directly.
- Student Competitions — The next generation of material scientists keep the floor buzzing with the Fluxtrol Student Poster Competition, DomesDay Competition and the HTS Strong Bar Competition.



Every one of these activities is designed to do one thing: keep attendees moving through the exhibit floor, engaging with exhibitors, and staying for the full two days.



Getting to COLUMBUS is Easy!

Wherever exhibitors and attendees are coming from, Columbus makes the trip simple:

- John Glenn Columbus International (CMH) is 10 minutes from downtown with nonstop service to 50+ destinations, and about half the U.S. population is within a day's drive.
- Greater Columbus Convention Center: Skyway-connected to 2,200+ hotel rooms and across from the Short North Arts District and Arena District, with walkable dining and entertainment.

» Exhibit Options



10'x10' Booth Package - $3,500 USD ($100 per corner)

- 8' high back drape and 3' side rails
- (2) DISCOUNTED Technical Conference Registrations
- Unlimited Exhibitor Booth Personnel Badges
- 11"x17" Company ID sign
- Company listing and description in Online Exhibitor List & Digital Show Guide with link to your website
- VIP Passes for Customers' free admission to the Expo
- Post-Event Attendee lists from Heat Treat, IMAT, NACSC, & RSTC (name, title, mailing address – NO email addresses)

Each additional booth: $3,500

NOTE: (1) complimentary Exhibitor Full Conference registration per 100 sq ft, starting at 200 sq ft of rental space

Hassle-Free Turnkey Booth Package - $1,850

Just show up with your materials, and we'll handle the rest! Our all-inclusive package provides a fully set-up booth —10'x10' gray carpet, (1) table, (2) chairs, electricity, wastebasket.

Let us do the work for you!

EXHIBIT SCHEDULE AT A GLANCE

EXHIBITOR SET-UP:
Monday, October 4.....8:00 a.m. – 5:00 p.m.

EXHIBIT HALL OPEN
Tuesday, October 5.....9:00 a.m. – 5:30 p.m.
Wednesday, October 6.....9:00 a.m. – 5:00 p.m.

EXHIBITOR MOVE-OUT:
Wednesday, October 6.....5:00 p.m. – 9:00 p.m.

HEAT TREAT | 2027

A New Home for the Industry's Largest Gathering

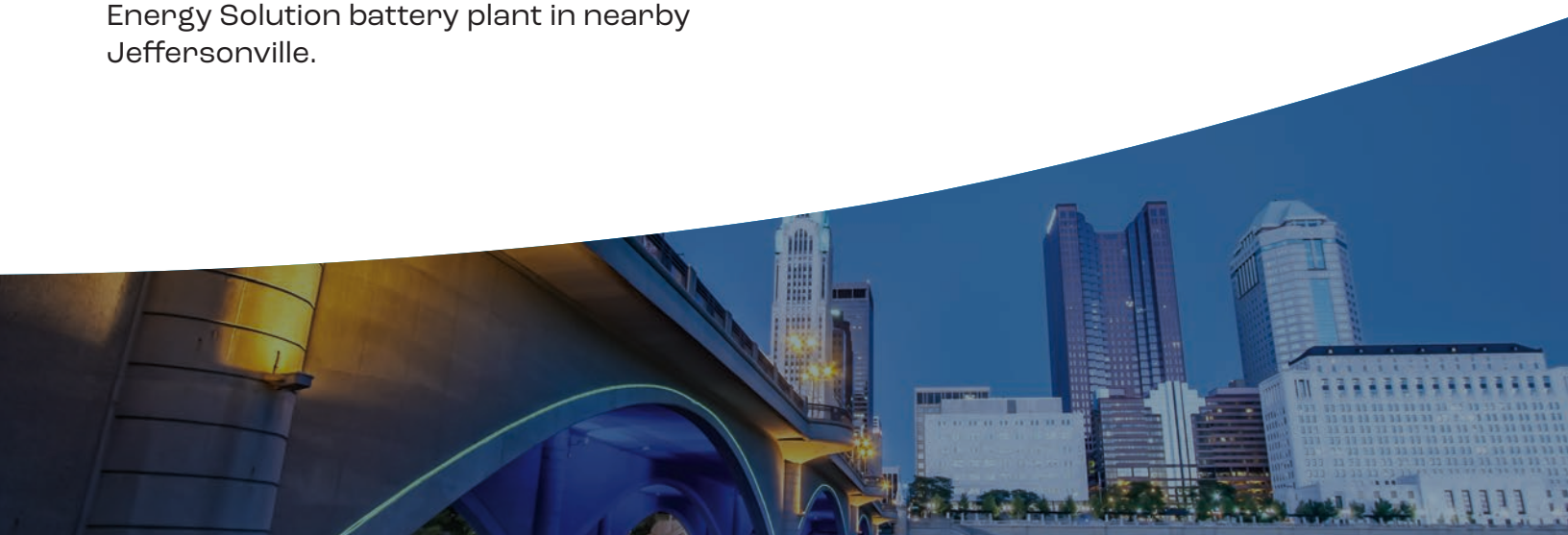
OCTOBER 2027 | COLUMBUS, OHIO

For the first time since 2017, Heat Treat is coming to Columbus — and it's arriving at a moment when Central Ohio has become one of the fastest-growing advanced manufacturing corridors in the country.

» Why Columbus?

Central Ohio is investing in the exact end markets Heat Treat serves:

- **Aerospace & Defense:** Anduril's Arsenal-1, a 5-million-square-foot campus near Rickenbacker, is projected to create 4,000+ direct jobs producing autonomous systems at scale.
- **Semiconductor & Advanced Materials:** Intel's planned $20 billion Ohio One campus in New Albany is a major investment in precision materials and supporting technologies.
- **Automotive & EV:** The Columbus Region produces nearly 400,000 vehicles a year, with the $4.4 billion Honda/LG Energy Solution battery plant in nearby Jeffersonville.
- **Statewide Manufacturing Muscle:** Ohio ranks 3rd nationally in manufacturing employment, with nearly 690,000 manufacturing jobs, and roughly $138 billion in annual output.
- **A Built-In Regional Customer Base:** Central Ohio is home to established metal processors and materials manufacturers, including Bodycote, Walor, Hyperion Materials & Technologies and Luvata, plus additional heat treaters across the state.



HEAT TREAT | 2027

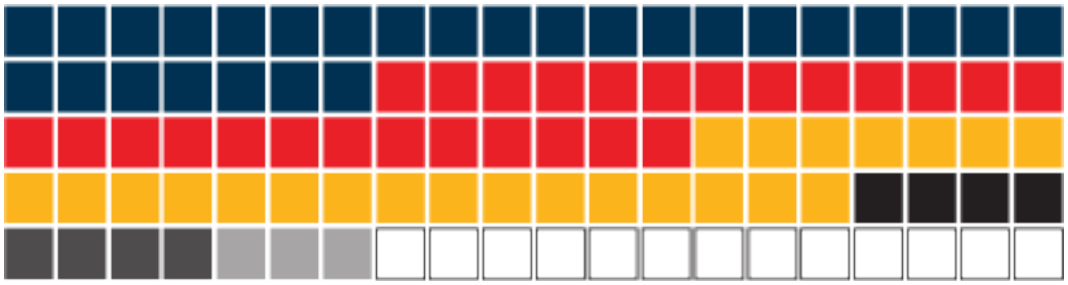
OCTOBER 2027 | COLUMBUS, OHIO

» The Trust Is Already There

Heat Treat 2027 is already taking shape with:

- 114 exhibitors
- 208 booth spaces

With these numbers 1-year out, that's a show built on returning partners who know the ROI, alongside a steady flow of new companies discovering what the heat-treating industry already knows: Heat Treat is where the deals get made.

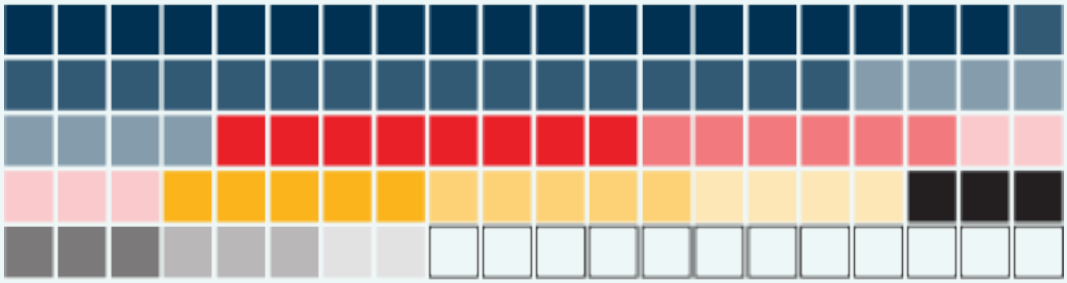


Job Title

- Engineer/Scientist - 27%
- CEO/President/Gen. Mgr. – 26%
- Manager/Supervisor of Div/Grp – 23%
- Program/Project Manager – 4%
- Technician/Operator – 4%
- Student – 3%
- Other – 13%

Business Type

- Heat Treating – Commercial – 19%
- Automotive – 17%
- Machinery (except electrical) – 8%
- Fabricated Metals Products – 8%
- Electrical/Electronic Industry – 6%
- Heat Treating – Commercial & Captive – 5%
- Aerospace – 5%
- Consulting – 5%
- Heat Treating – Captive (In-house) – 4%
- Chemical/Process Industry – 3%
- Primary Metals Production – 3%
- Manufacturing – 3%
- Energy and Utilities – 2%
- Misc – 12%



Material Interest

- Carbon/Alloy Steels – 48%
- Stainless Steels – 11%
- Heat Resistant Metals – 7%
- Industrial Design – 5%
- Refractories – 4%
- Superalloys – 4%
- Tool Steels – 3%
- Aluminum – 3%
- Refractory Metals – 2%
- Misc – 13%



Statistics from Heat Treat 2025

IMAT + MATERIALS SOLUTIONS EXPO • 2027 ENGINEERED FOR ROI

Co-located with Heat Treat, the ASM Annual Meeting, NACSC & RSTC

October 2027 | Columbus, Ohio



For the first time, IMAT — ASM's International Materials, Applications & Technologies Conference — comes to Columbus. Following recent editions in Detroit and Quebec City, IMAT lands in a region that's quietly become one of the most concentrated materials science hubs in the country.

» Why the Materials Industry Is Watching Ohio

Columbus and the surrounding region are home to the institutions developing the next generation of materials:

- **EWI (Columbus):** North America's largest engineering and technology organization dedicated to materials joining.
- **Battelle (Columbus):** One of the world's largest independent R&D organizations.
- **Ohio State University:** Its Materials Science and Engineering department anchors regional R&D and connects researchers directly to manufacturers like Honda and GM.



- **NASA Glenn Research Center and Ohio Aerospace Institute (Cleveland area):** Materials research for aerospace and space applications, including shape memory alloys.
- **Polymers and chemicals:** From Akron's rubber-capital roots to 1,300+ polymer and chemical firms today, backed by the University of Akron's polymer science and engineering programs.

IMAT + MATERIALS SOLUTIONS EXPO • 2027 ENGINEERED FOR ROI

» A Growing Global Market

The materials science and advanced materials sector exhibitors serve is expanding steadily:

- The global advanced materials market is valued at roughly **$90–98 billion in 2026,** projected to grow to **$130–136 billion by the early 2030s** at a CAGR of around **6–8%.**
- **North America remains the largest regional market** for advanced materials, positioning U.S.-based exhibitors and attendees at the center of global demand.
- Global R&D spending on materials science has topped **$100 billion annually,** reflecting sustained institutional and corporate investment in the space IMAT serves.

» A Distinct Audience, Now With Broader Reach

- **Who attends:** Materials researchers, engineers and R&D decision-makers working across polymers, composites, ceramics, metals and characterization/testing.
- **New for 2027:** Access to roughly 3,000 attendees across the co-located events, all from a single booth.
- **Best fit:** Exhibitors serving materials testing, characterization, joining, additive manufacturing or advanced materials development.



COLD SPRAY
NORTH AMERICAN COLD SPRAY CONFERENCE 2027

NACSC returns to a bigger stage in 2027, co-locating with three of ASM International's flagship events — putting the cold spray community in front of an unprecedented cross-section of the broader materials, thermal processing, and manufacturing industry.

» Why Cold Spray, Why Now

Cold spray has moved well past niche R&D status and into mainstream aerospace, defense, and industrial repair adoption:

- North America is the largest regional market, driven by aerospace, defense, and automotive manufacturing demand, and accounted for nearly 39% of global market share in 2024.
- Adoption is expanding beyond repair into additive manufacturing and structural component production — including aerospace structural elements, gearboxes, landing gear components, and engine parts.

» Why Ohio

Ohio isn't just hosting NACSC 2027 — it's home to some of the technology's most established players:

- Ohio ranks 3rd nationally in manufacturing employment, with a manufacturing sector generating nearly $138 billion annually — a deep well of potential adopters for advanced surface engineering technologies like cold spray.
- Built-in customer base: GE Aerospace's global headquarters and Anduril's planned Arsenal-1 campus near Columbus create regional demand for cold spray repair and coatings.

» Why Co-Location Matters for Exhibitors

- Cross-pollination: Many Heat Treat, IMAT and RSTC attendees work in surface engineering, coatings and repair, making them natural prospects for cold spray. Cold spray also induces compressive residual stress, which ties directly to RSTC topics.
- Shared technical programming — attendees have flexibility to cross over into sessions from adjacent conferences, and vice versa, increasing booth traffic and session attendance alike.

RS RESIDUAL STRESS TECHNOLOGY CONFERENCE

OCTOBER 5-6, 2027

After a successful inaugural conference co-located with IMAT in Québec City, RSTC returns in 2027 with a bigger footprint, alongside Heat Treat, IMAT, NACSC and the ASM Annual Meeting.

Why Residual Stress, Why Now?

- **Performance driver:** Residual stress shapes fatigue life, fracture behavior and part distortion, so it matters wherever manufactured components must perform.
- **Process-driven:** Heat treating, additive manufacturing, welding and coatings all introduce stress that has to be measured, modeled and managed.
- **Fielded systems:** The program covers how to evaluate and sustain assets already in service.



What's on the Program?

- Effects on fatigue, fracture and material behavior
- Advanced experimental characterization and predictive modeling
- Residual stress in manufacturing processes and long-term asset sustainment



Why Co-Location Matters for Exhibitors

- **Specialist audience:** An international group of engineers, researchers and modelers focused on residual stress measurement and analysis.
- **Proven pairing:** RSTC and IMAT shared a floor in Québec City, and 2027 builds on that foundation.
- **Wider reach:** Heat Treat and NACSC attendees, who deal with process-induced stress daily, are now steps away.
- **One floor, five audiences:** Reach all of them from a single booth.