EXHIBITOR PROSPECTUS

SEPTEMBER 12-15, 2022 | NEW ORLEANS, LOUISIANA

CO-LOCATED WITH:

COLD SPRAY
NORTH AMERICAN COLD SPRAY
CONFEERENCE 2022

NEM-TS 2022
New and Emerging Processes for High-Value Coatings
Rapidly-Metallizing Rare Earth Materials by Thermal Spray

ORGANIZED BY:

ASM INTERNATIONAL

OFFICIAL MEDIA SPONSOR:

IMATEVENT.ORG

ORGANIZING PARTNER:
MATERIALS AND PROCESSES FOR AUTOMATION
- Durable, Long-Life Materials Solutions
- Improved Sensor & Display Materials
- Ergonomics and Machine-Human Interface Sensors
- Improved Automated Machining, Forging, Coating
- Robotic Corrosion Monitoring Inspection
- Safe Robotic and Automation Design
- Improved Sensor & Display Materials
- Robotic Corrosion Monitoring Inspection
- Safe Robotic and Automation Design

METALLOGRAPHY
- Metallographic Preparation Techniques from Fundamentals to Novel Solutions
- Microstructural Characterization and the Correlation of Microstructure to Mechanical Properties
- Quantification and Simulation of Microstructures and Properties

METALS, CERAMICS, COATINGS AND COMPOSITES
- Alloy Phase Diagrams
- Emerging Technologies
- Joining Advance and Specialty Materials
- Materials Behavior and Characterization
- Materials and Manufacturing Processes
- Medical / Biomaterials Processing and Applications

FAILURE ANALYSIS
- Failure Analysis Case Studies
- Failure Prevention and Unconventional Failures
- Tools and Techniques

LIGHT METAL TECHNOLOGY
- Wrought Processing
- Alloy Development
ASM IS THE ONLY SOCIETY
THAT UNITES DIFFERENT
MARKET SEGMENTS
THAT CROSS THE ENTIRE
MATERIALS WORLD.

Planning for IMAT 2022 Conference &
Exposition is underway with the ASM
Programming Committees, AeroMat
Committee, IDEA Committee,
Emerging Professionals, and all
six of ASM’s Affiliate Societies. The
technical symposiums will have a
strong focus on application-oriented,
real-world technologies that can be
put to use today.

IMAT Conference & Exposition
will also have broad appeal to a
wider demographic than ever—
with activities and programming
specifically designed for pre-college
STEM students, graduate and
undergraduate students, and both
emerging and seasoned professionals.

EXHIBIT TODAY
For more information contact:
exposales@asminternational.org
TARGET AUDIENCE:
Academic, C-Suite Executives, Consultants, Emerging Professionals, Engineer/Scientist, Government Labs, Job Shops, Managers, Manufacturer Reps, Materials Buyers, Material Suppliers, OEM's, Students, Technician/Operator, Professors, QA/QC, R&D

TARGET MARKETS:
DIVERSE ECONOMY

New Orleans has a diverse economy, including:
• Advanced Manufacturing
• Aerospace
• Energy
• Healthcare
• International Trade
• Tourism Industries

Some of the biggest companies in New Orleans include:
• Boeing
• NASA’s Michoud Assembly Facility
• Ochsner Health System
• Superior Energy Services
• Whitney Holding Corp.

WHY NEW ORLEANS?

Imagine meeting in a city where cultures collide in a brilliant explosion of flavors, emotions, and sounds. New Orleans is the birthplace of jazz, home to Creole cuisine, and rich with history and unmatched southern hospitality. It is centrally located with a walkable downtown and cutting-edge, world class convention facilities. With more than 1,400 restaurants, the city offers one of the most inconceivable – and incredibly diverse – concentrations of incomparable dining and unforgettable cuisine in the world. Because most of the city’s restaurants, attractions, tours, accommodations, and event venues are within walking distance of each other, it’s easy to get around the “Big Easy” and is the perfect setting for networking.

EASY ACCESS

With more than 16 airlines and more than 56 non-stop destinations, traveling to the Louis Armstrong New Orleans International Airport is easy and affordable. Once you arrive, take a short 12 mile ride to the convention center and hotels. During your trip, jump on the streetcar or grab a pedicab for a unique way to travel to your next meeting.
4 ADVANCED MANUFACTURING

Decades of manufacturing expertise, the nation’s best state workforce development program, and highly competitive incentives are putting Louisiana at the epicenter of the U.S. manufacturing renaissance. Strategic investments in site identification, robust GIS-mapping technology, and the nation’s lowest taxes for new manufacturing operations combined with a strong, pro-business climate are attracting industry leaders such as Nucor, Benteler Steel/Tube and Gardner Denver to Louisiana.

5 ENTREPRENEURIAL SPIRIT

New Orleans has experienced an influx of emerging professionals and entrepreneurs. Numerous digital media businesses have been founded in recent years and New Orleans is quickly becoming a hub of business startups.

6 ENERGY, AEROSPACE, AND HEALTH SCIENCES INDUSTRY

- $3.3 billion economic impact of the Bio-Medical Industry in New Orleans
- There are 1,500-acres that the BioDistrict spans in the downtown and Mid-City areas of New Orleans.
- Half a billion dollars—wages of employees supported by the energy industry
- New Orleans is Ranked No. 3 in the nation in natural gas production according to the Energy Information Association
- NASA’s Michoud Assembly Facility has operated in New Orleans for over 60 years.

430,000+ workers in Louisiana currently employed in manufacturing-related occupations

260,000 jobs in Louisiana generated by the oil and natural gas industry

669,692 Labor Force of Greater New Orleans

62,000+ Undergrad students in Greater New Orleans
WHY EXHIBIT?

IMAT will focus on economic trends and business forecasts that provide insights so you gain a competitive edge.

Connect with the new generation of materials engineers and emerging professionals that are looking for employment opportunities, internships, careers and to further their education in the materials world.

The only targeted expo on advanced materials, applications, and technologies — all addressing a spectrum of emerging technologies in key growth markets. Encompassing major OEMs, materials suppliers, producers, and corporate partners to deliver cutting edge technology with hands-on educational workshops and demonstrations to further professional development and offer practical materials solutions.

BY EXHIBITING, YOU CAN:

- Continue to build and enhance your company profile to thousands of key industry stakeholders
- Connect with current customers, develop new business relationships and increase sales
- Showcase the latest products, services, and trends to solve or support the materials community be more efficient, cost effective, and faster

FACE-TO-FACE WORKS

95%
Say face-to-face meetings are essential for long-term business relationships

84%
Prefer face-to-face meetings

75%
Prefer in-person conferences because they lead to more social interactions and the ability to bond with coworkers / clients

44%
Prefer in-person conferences and business meetings because they provide a better environment for tough, timely decision-making

85%
Build stronger, more meaningful business relationships during in-person business meetings and conferences

77%
Prefer in-person conferences due to the ability to read body language and facial expressions

49%
Prefer in-person business meetings because they allow for more complex strategic thinking
BOOTH PACKAGES INCLUDE:
- Post-Event Attendee lists from ALL THREE events
- Unlimited Booth Personnel Badges
- Complimentary Expo-Only Pass for Customers
- Promotion Before and During the Event

PACKAGE #1 — $3,150 USD
All the exhibitor benefits listed above PLUS:
- A 10 ft x 10 ft booth space with draped 8 ft high back wall and 3 ft side rails
- Booth ID sign — 7 in x 44 in

PACKAGE #2 — $4,200 USD
Package #1, PLUS: Full-page ad in the Final Program

PACKAGE #3 — $5,500 USD
Packages #1 & #2, PLUS: Company logo on event website and signage at the event listed as a Corporate Supporter

Note: Each Additional Booth Space is $3,150 USD
All corner charges are an extra $100 USD

TURN-KEY BOOTH — ADDITIONAL $1,500 USD
Price Includes: 10 ft x 10 ft grey carpet, one 6 ft table with black skirting, two chairs, wastebasket, and 120V electricity (Up to 20 AMPS)

RENTAL RATES INCREASE ON DECEMBER 14, 2021

EXHIBIT HOURS
Tuesday, September 13
9:00 a.m. – 5:30 p.m.
Wednesday, September 14
9:00 a.m. – 5:00 p.m.

SECURE YOUR BOOTH TODAY!
For more information contact: exposales@asminternational.org
If you sell or provide the following, you need to exhibit at IMAT 2022:

**Additive Manufacturing**
- Ceramic Materials, Components, and Processing Equipment
- Characterization, Process Control, Microstructure, Properties, and NDT
- Dimensional Control, Repair, and Net Shaping
- Evolution, State of Art, Processes, Applications, and Development Needs
- Post–Processing
- Process Qualification, Certification, and Specifications
- Structural Buildups and Repairs
- Surface Quality and Finishing

**Ceramic Matrix Composites (CMCs)**
- Clay and Natural Minerals
- CNC Lathes, Grinders, Mills, Mixers
- Coatings
- Coating/Glazing
- Cutting Tools
- Electronic Ceramics
- Fiber Insulation
- Finished Components
- Furnaces
- Glass
- Hydraulic Pressing
- Inspection/QC
- Kilns
- Optical Fibers
- Refractory Ceramics
- Single Crystals

**Characterization, Quantification, and Analysis of Materials**
- Corrosion Analysis and Control
- Design Optimization and Materials Selection
- Friction and Wear
- Materials and Manufacturing Process Modeling
- Mechanical Properties and Testing
- Metallography and Microscopy Advances
- Commercial Materials Testing

**Core Metals, Alloys, and Materials Topics**
- Aluminum and Magnesium Alloys
- Ceramic Powders
- Ceramic and Polymer Composite Materials
- Coatings and Surface Engineering
- Consulting Services
- Contract R & D Services
- Copper-Base Alloys
- Electronic Materials
- Environmental Services
- Fuel Cells
- Glass
- Materials for Extreme Environments
- Nanomaterials
- Nanotechnologies
- Ni, Co, and Related Superalloys
- Other Material Services
- Polymer Matrix Composites
- Retained Austenite Measurements
- Software Providers
- Steels and Other Ferrous Alloys
- Titanium Alloys

**Digital Materials and Definition and Informatics**
- Academia
- Artificial Intelligence — Costs, Risks and Value
- Data and Analytics
- Data Management Plans
- Data Privacy
- Engineering Software
- Engineering/Scientific Journals
- GRIN Technologies
- Integrated Computational Materials Engineering (ICME) and Simulations
- Internet of Things
- Materials Data Infrastructure
- Material Data Management
- On-Line/Off-Line Databases
- Ontologies
- Quality Management
- Research and Development
- Technology Transfer
- Trade Association/Professional Society
- U.S. Department of Commerce

**Emerging Materials Technologies**
- Composite Materials
- Functionalized and Activated Surfaces
- Functional Materials and Structures
- Morphing Structures
- Shape Memory Materials and Applications

**Engineering Applications and Related Interests**
- Atmosphere Equipment/Control
- Electrical Engineering
- Energy/Combustion
- Equipment Design
- Equipment Manufacturing (OEM)
- Finance
- Industrial Gases
- Lubrication and Hydraulics
- Maintenance and Reliability
- Modeling Processes
- Organizational Training
- Plant Engineering
- Project and Construction Management
- Safety and Health
- Sales and Marketing
- Heat Treating Equipment and Services
- Commercial Heat Treating
- Consumables
- Heat Treating
- Heat Treating Equipment
- Machining and Metal Cutting Equipment
- Cutting Tools
- Machine Tools
- Materials and Manufacturing Processes
- Bonding, Adhesive, Surface Prep
- Casting and Solidification
- Coating Processes
- Forging and Forming
- Machining and Machinability
- Process Modeling
- Surface Engineering
- Welding and Joining

**Materials and Processes for Automation**
- Durable, Long-Life Materials Solutions
- Electronic Materials
- Ergonomics and Machine — Human Interface Sensors
- Improved Automated Machining, Forming, Coating
- Improved Sensor and Display Materials
- Safe Robotic and Automation Design

**Materials Testing/Characterization**
- Color Analysis
- Consumables
- Corrosion Testing
- Creep Testers
- Equipment and Supplies
- Extensometers
- Failure Analysis
- Fatigue Testers
- Fractures Toughness Testing Equipment
- Glass Testing
- Hardness Testing Equipment
Image Analyzers
Impact Testers
Materials Selection
Mechanical Testing (including hardness)
Metallographic Specimen Preparation
Equipment/Supplies
Metallographs
Microelectronic Failure Analysis
Microscopes
Moisture Analysis
Optical and/or Electron Microscopy (SEM, TEM, etc.)
Particle Size Analysis
Quality Control
Residual Stress Analyzers/Testers
Tensile Testers
Test/Lab Furnaces/Environmental Chambers
Thermal Analysis
Thickness Gages
Torsion Testers
Tribology
Ultrasonic Testing Equipment
Universal (Tension/Compression) Load Cell
Universal (Tension/Compression) Testing Machines
Medical/Biomaterials
Absorbable Materials
Biologically-Inspired Materials
Materials to Improve Procedure, Surgery and Visualization Outcomes
Modeling Biological Tissue and Materials
Orthopedic Implants
Soft Tissue Characterization
Value-Conscious Medical Device Innovations
Metal Forming Equipment
Lubricants

Metals and Alloys — Ferrous Metals
Cast Irons
Coke/Coke Byproducts
Dual-Phase Steels
Iron
Long Products
Other Specialty Ferrous Materials
Plate Products
Stainless Steels
Steels: Carbon and/or Alloy
Tool Steels

Nonferrous Metals
Aluminum and Aluminum Alloys
Armor
Biomaterials
Copper Alloys
Engineered Materials
Heat-Resistant Metals
Intermetallics
Magnesium Alloys
Metal-Matrix Composites (MMCs)
Nickel-, Nickel-Iron-, and Cobalt-Base High-Performance Alloys
Other Nonferrous Metals
Refractory Metals
Superalloys
Titanium Alloys
Vanadium

Plastics
Advanced Composites
Ceramic and Metallic Powder Engineering Plastics
Fibers and Filters
Other Ferrous Metal Powders
Other Nonferrous Metal Powders
Polymers
Powder Metallurgy (P/M) Materials
Porous and Foamed Metals

Refractory Metal Powders
Silicon/Ferrosilicon
Stainless Steel Powders
Steel Powders

Processes
Alloy Production
Blast Furnace Ironmaking
Brazing
Casting
Coatings
Coke Production
Cold Rolling
Extrusion/Drawing
Firing/Drying/Melting
Heat Treating
Hot Rolling
Machining/Grinding
Mixing/Milling/Grinding
Oxygen Steelmaking
Pickling
Powder Metallurgy
Pressing (Mechanical, Hydraulic, Compacting)
Steel Refining
Surface Engineering/Modification
Thermal Spray
Vacuum Degassing
Welding/Joining

Publications
Business Magazines
Journals

Refactories/Furnace Insulation
Renewable and Unconventional Energy
Fuel Cells and Battery Materials
Lightweighting
Materials for Clean Energy
Materials for Extreme Service Conditions
Nuclear Energy — Remaining Materials and Disposal Challenges

Services — Partsmaking/ Materials Processing
Casting
Cladding
Contract/Toll Ceramic Processing
Contract Welding
CVD, PVD Coating
Machining, Grinding, Cutting, Drilling
Metal Casting
P/M Sintering
Pressing (Wet or Dry)

Surface Engineering
Commercial Surface Engineering Services and Coating Services
Consumables
Surface Treating Equipment
Thermal Spray Equipment

Sustainability
Environmental Impacts
Global Materials Industry Development
Global Supply Stability
Materials Substitution Challenges

Vacuum Equipment
Gauges
Pumps
Valves

Welding and Joining Equipment
Brazing Filter Metals
Solders
Welding Filler Metals (Electrodes, Welding Rod, Wire)
IMAT 2022 features high-foot-traffic opportunities for exhibitors including keynotes, education courses, hands-on workshops, poster competition, and sessions with lunches, breaks, and a welcome reception.

THOUSANDS of industry professionals will be on hand to see and hear about your latest advances!

- 3,000 Attendees
- Over 700 Technical Presentations, Keynotes, and Panel Discussions
- Over 250 Exhibitors
- Over 300 Students interested in Materials Engineering
- 4 Days of Technical Programming
- 2 Days of Expo
- Multiple Networking Events, Awards, and Competitions

**Exhibition Schedule-at-a-Glance:**
*(Times subject to change)*

**Monday, September 12, 2022**
- Exhibitor Set-up: 8:00 a.m. – 5:00 p.m.

**Tuesday, September 13, 2022**
- Exhibit Hours: 9:00 a.m. – 5:30 p.m.

**Wednesday, September 14, 2022**
- Exhibit Hours: 9:00 a.m. – 5:00 p.m.
- Exhibitor Tear-down: 5:00 p.m. – 9:00 p.m.

**Thursday, September 15, 2022**
- Exhibitor Tear-down: 8:00 a.m. – 12:00 p.m.