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ASM
INTERNATIONAL

ADVERTISE WITH ASM INTERNATIONAL

ASM MEMBERSHIP & DEMOGRAPHIC

ASM WEBSITE ADVERTISING OPPORTUNITIES

SPONSORED WEBINARS & TARGETED EMAILS

ADVANCED MATERIALS & PROCESSES

AM&P PRINT ADVERTISING

AM&P PRINT RATES & DIGITAL EDITION SPONSORSHIPS

AM&P PRINT PUBLICATION SPECIFICATIONS

AM&P ADVERTORIALS

AM&P EDITORIAL CALENDAR

AM&P ENEWSLETTER

ASM INTERNATIONAL & AFFILIATE SOCIETY EVENTS

ADVERTISE@ASMINTERNATIONAL.ORG | ASMINTERNATIONAL.ORG

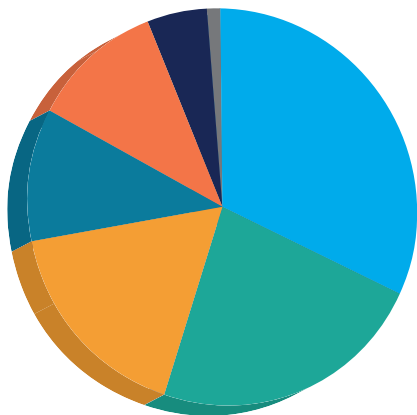
ASM MEMBERSHIP & DEMOGRAPHIC

2021

ASM INTERNATIONAL IS THE WORLD'S LARGEST ASSOCIATION OF MATERIALS-CENTRIC ENGINEERS AND SCIENTISTS.

ASM International is a Society of professionals who have come together to accomplish great works for the common good which cannot be achieved independently. The maximum value ASM can bring to its members and society can be achieved by working at the intersection of Design, Structural Engineering, Manufacturing, Quality, and Materials. The shared values of transparency, integrity, technical excellence, diversity, and constancy of purpose are the great enablers. Our Society's future is bright. ASM can, and will be, better than ever.

WHAT OUR MEMBERS DO



32% RESEARCH & DEVELOPMENT

23% MANUFACTURING / PROCESS ENGINEERING

17% MATERIALS TESTING

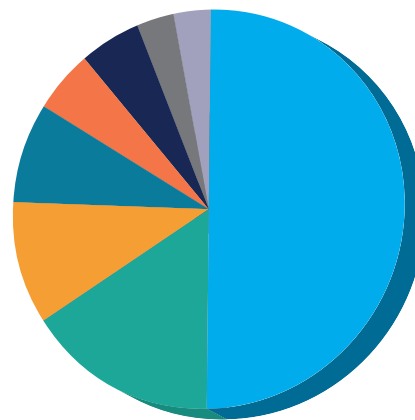
11% QA / QC

11% SELECTION OF MATERIALS

5% TRAINING

1% PURCHASING

WHO OUR MEMBERS ARE



50% ENGINEER / SCIENTIST

16% MANAGER / SUPERVISOR OF A DIVISION OR GROUP

10% CEO / PRESIDENT / GENERAL MANAGEMENT

8% PROFESSOR / INSTRUCTOR

5% PROGRAM / PROJECT MANAGER

5% TECHNICIAN / OPERATOR

3% STUDENT

3% OTHER

TO LEARN MORE ABOUT ASM, VISIT:
asminternational.org



ASM WEBSITE ADVERTISING OPPORTUNITIES

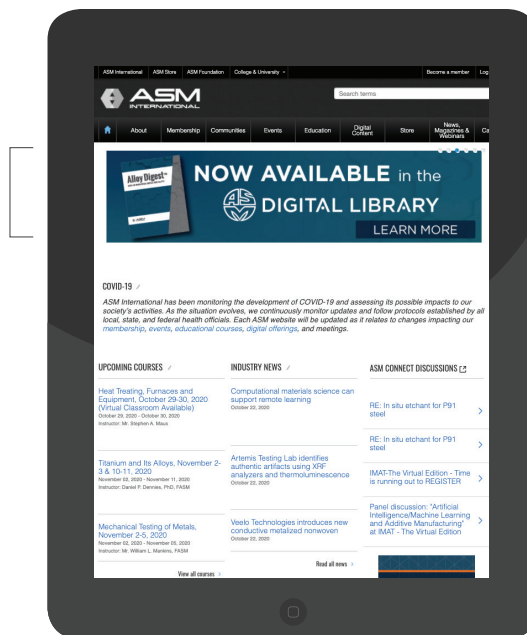
ASM HOMEPAGE BANNER ADVERTISING

ASM International's homepage hosts over 40,000 monthly visitors. Drive brand awareness, generate leads, and promote your products and services to an audience of materials science focused individuals through a prime spot in our banner advertisement rotation!

Your company's advertisement will be the first thing ASM website visitors are exposed to when viewing the homepage. Drive traffic to your website and increase your SEO by taking advantage of this premier advertising location today!

When submitting your advertisement, please provide the following:

- Image 978 x 235 px
- Submit file as a JPEG or PNG
- Provide company URL for redirect



KEYWORD DISPLAY ADVERTISING

TARGETED KEYWORD PROGRAM DISPLAYS YOUR COMPANY'S MESSAGE.

Every day, ASM website viewers search for information using keywords that relate to your product or industry. Maximize your advertising dollar with ASM's NEW keyword-driven display advertising program by purchasing targeted keywords. Each keyword is an opportunity to advertise your product or service on a month-by-month basis.

HOW DOES IT WORK?

When a user searches with a keyword on asminternational.org, your ad will be shown on the selected page(s) that the user clicks, throughout the term of your sponsorship.

This targeted approach directly reaches customers interested in your services, so you get a better return on your advertising dollar.

When submitting your advertisement, please provide the following:

- Image 160 x 600 px
- Submit file as a JPEG or PNG
- Provide company URL for redirect

For the list of available keywords, view the next page or click [here](#).

ASM DIGITAL LIBRARY & HANDBOOKS ONLINE™

EVERY TIME AN ASM MEMBER OR SUBSCRIBER VISITS THE HANDBOOKS ONLINE HOMEPAGE, THEY WILL SEE YOUR AD.

The ASM Digital Library provides convenient access to the world's largest collection of information and data of engineering materials.

ASM Handbooks Online™ is a comprehensive guide to the structure, properties, processing, performance, and evaluation of metals and nonmetallic engineering materials. Written and reviewed by experts, the volumes in the series provide trusted and in-depth articles, illustrations, graphs, tables, and practical examples on key topics related to the engineering applications of materials.

CONTACT US FOR PRICING ON THIS OPPORTUNITY!

When submitting your advertisement, please provide the following:

- Image 300 x 250 px
- Submit file as a JPEG or PNG
- Provide company URL for redirect

TO ADVERTISE WITH ASM, CONTACT:
advertise@asminternational.org

AVAILABLE KEYWORDS

2021

EACH KEYWORD IS LISTED ON THE ASM WEBSITE THOUSANDS OF TIMES, SO YOU HAVE MANY OPPORTUNITIES TO DISPLAY YOUR MESSAGE.

- Additive Manufacturing
- Adhesive Bonding
- Aerospace and Defense
- Aluminum
- Automobiles and Ground Transportation
- Batteries and Energy Storage
- Binary Systems
- Biomaterials
- Boilers, Pressure Vessels, and Heat Exchangers
- Brazing
- Buildings and Infrastructure
- Carbon and Alloy Steels
- Cast Irons
- Casting
- Ceramics
- Ceramic-Matrix Composites
- Coating
- Composite Materials
- Composites Processing
- Computational Materials Engineering
- Consumer Products
- Copper
- Corrosion
- Crystal Structures
- Elastomers
- Electrical Properties
- Electronics
- Electronic Materials
- Environmental Impacts
- Extraction and Primary Processing
- Extrusion
- Failure Analysis
- Fatigue
- Forging
- Forming
- Fossil Fuel Power
- Fracture
- Friction and Wear
- Glasses
- Heat Treating
- Industrial Design
- Industries and Applications
- Machining and Finishing
- Magnesium
- Marine Applications
- Material Selection
- Materials Characterization
- Materials Processing and Treatment
- Materials Properties and Performance
- Materials Testing and Evaluation
- Mechanical Fastening
- Mechanical Properties
- Mechanical Testing
- Medical Devices
- Metal Products and Machinery
- Metallic Glasses
- Metal-Matrix Composites
- Metals and Alloys
- Metallography and Microstructures
- Microelectronic Failure Analysis
- Mining and Metals Processing
- Nanotechnology
- Natural Materials
- Nondestructive Testing
- Nonmetallic Engineering Materials
- Nuclear Power
- Petroleum and Chemical Processing
- Phase Diagrams and Crystallography
- Physical Properties
- Pipelines
- Plastics Processing
- Polymer-Matrix Composites
- Polymers and Plastics
- Powder Metallurgy
- Precious Metals
- Recycling
- Refractory Metals
- Renewable Energy
- Shape Memory Alloys
- Soldering
- Stainless Steels
- Superalloys, Nickel, and Cobalt
- Surface Engineering
- Ternary Systems
- Thermal Properties
- Thermal Spray Technology
- Titanium
- Tool Steels
- Tools and Dies
- Welding

ASM SPONSORED WEBINARS & TARGETED EMAILS

2021

WEBINARS
EMAIL

SPONSORED WEBINARS

When you sponsor a custom ASM webinar, not only are you providing value added information for your existing customers and potentially boosting sales – you are also attracting new, qualified leads that help you expand your market.

Let ASM customize a webinar for you that delivers solution-driven content to industry professionals in an easy-to-use and cost effective format. ASM has been collecting and producing quality materials information resources for over 100 years – and we want to help you deliver that relevant content to your customers and prospects right where they live and work.

ASM webinars are a powerful lead generation tool that helps you reach buyers and up-and-coming decision makers: metallurgists, engineers, managers, technicians, and more who use, purchase, and implement products and services. We are confident that you will get quality leads when you sponsor an ASM webinar. Our custom marketing and promotional webinar planning will get you the targeted audience that you want in any materials science field.

GET THE POWER OF AN ASM WEBINAR WORKING FOR YOU. WE'LL GET YOU QUALIFIED LEADS – GUARANTEED!

ASM TURNKEY WEBINAR SERIES

The ASM Turnkey Webinar Series is a sponsored webinar where we provide a list of topics to select from, the speaker, and all of the marketing and promotions. You are only responsible for selecting the topic that best fits your needs and paying based on the number of registrants we deliver. Following the webinar, you will receive detailed metrics on the registered attendees that can help grow your business!

Topics include, but are not limited to:

- How to Organize and Run a Failure Investigation
- Failure Analysis Series—FA Procedures, Corrosion, Wear, Elevated Temp, Fatigue, Brittle and Ductile Failures
- Microstructure Series—Aluminum, Steels, Titanium, Superalloys, Copper, etc.

Daniel Dennies Ph.D. will be the speaker for the ASM Turnkey Webinar Series. He is a long time ASM member and fellow and has over 30 years experience as a metallurgist and years of teaching and speaking practice. Dr. Dennies is the perfect person to get you the targeted audience you want—the metallurgists, engineers, managers, and more—guaranteed.

DO NOT MISS OUT ON THIS OPPORTUNITY – WE GUARANTEE A MINIMUM OF 100 REGISTRANTS!

Guarantee is contingent on a minimum of four weeks notice from the date selected for your webinar.

[CLICK HERE TO VIEW OUR WEBINAR ARCHIVE.](#)

TARGETED EMAILS

REACH YOUR IDEAL AUDIENCE THROUGH ASM'S EMAIL LIST.

Sending your customized email to ASM's highly targeted distinguished audience will help increase your reach and provide your sales team with leads who are the most interested in your offering. ASM is a well-respected society that engineers, metallurgists, scientists, and engineering managers trust to provide them with the latest advancements in the field of materials science. Don't miss your opportunity to connect with these decision makers and industry influencers.

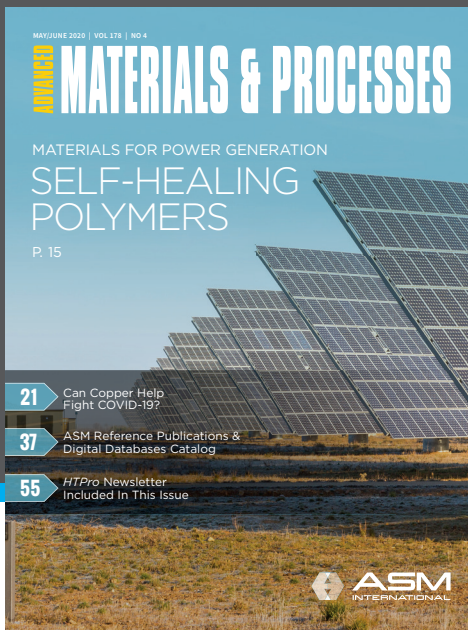
PRICING IS BASED ON TARGETED SIZE.

EMAIL GUIDELINES:

- HTML that is no more than 640 pixels wide.
- Subject line.
- Preheader if possible. A preheader is a secondary subject line and will appear in smart phone menus as well as new versions of Outlook.

EMAIL TIPS:

- Avoid using java script or linking to external style sheets, or style sheets that are part of a web site.
- Use inline styles instead of external styles
- HTML emails render differently in different email clients. Keep the HTML simple.
- Avoid using images with big file sizes.
- We recommend avoiding animated gifs. Many email clients do not render animations.



IN EVERY ISSUE

Technology Developments and Business News covers Additive Manufacturing; Metals, Polymers, Ceramics; Testing, Characterization; Nanotechnology; Process Technology; Energy Trends; Surface Engineering; and Emerging Technologies.

Research Tracks reports on the latest R&D initiatives taking place across the industry, universities, and government labs.

Feedback shares letters from readers and industry discussions.

Machine Learning covers cutting edge advances and applications of artificial intelligence in materials science and engineering.

Stress Relief provides tidbits from the lighter side of technology and engineering.

In-depth Feature Articles discuss areas of interest to materials science and engineering professionals to help them in their daily work.

3D PrintShop provides information on technology advancements in additive manufacturing.

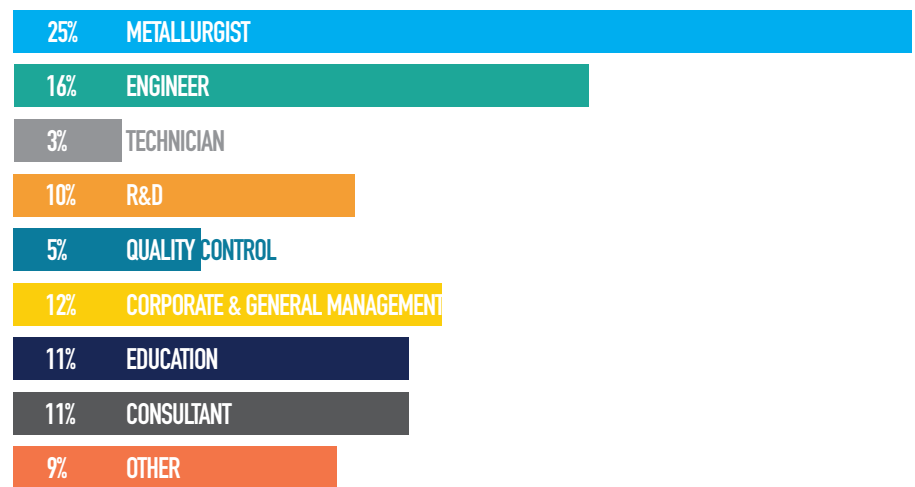
ASM News covers breaking news about ASM members, chapters, events, awards, conferences, affiliates, and other society activities.

ADVANCED MATERIALS & PROCESSES (AM&P)

The industry leading technical magazine for materials professionals.

Advanced Materials & Processes® (AM&P) is the flagship technical magazine from ASM International, the world's largest society for materials scientists and engineers. AM&P is packed with materials engineering content for a highly engaged readership of ASM members. The 20K+ ASM members (who are AM&P readers) are materials scientists, engineers, managers, and technicians across every field of materials science who make decisions and recommend products.

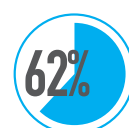
PRIMARY JOB FUNCTION OF AM&P READERS



READERS INVOLVED IN THE RECOMMENDATION, APPROVAL, OR PURCHASE OF ANY OF THE FOLLOWING PRODUCTS OR SERVICES:

Metals.....	63%
Testing Inspection	42%
Specialty Metals / Superalloys.....	34%
Surface Treating / Coating.....	28%
Thermal Treatment	27%
Powder Metals / Materials	27%
Processes for Parts / Components, Forming, Shaping, Molding	25%
Plastics	17%
Ceramics	15%
Electronic Materials	12%
Instrumentation & Control Systems	10%

71% are involved in one or more of the above.



of AM&P readers indicated they took an action (visited a website, bought products, etc.) based on the advertisements in AM&P.

AM&P PRINT RATES & DIGITAL EDITION SPONSORSHIPS

PRINT RATES

SIZE	AD RATE
2 PAGE SPREAD	\$6,500
FULL PAGE	\$5,000
FULL PAGE ADVERTORIAL	\$5,300
HALF PAGE (VERTICAL OR HORIZONTAL)	\$4,000
HALF PAGE ISLAND	\$4,500
1/3 PAGE VERTICAL	\$3,000
1/4 PAGE	\$2,300
CLASSIFIED	\$1,000
1/10 PAGE	\$950
COVER OPTIONS	
GATEFOLD COVER	\$8,000
BACK COVER	\$5,600
INSIDE FRONT COVER	\$5,400
INSIDE BACK COVER	\$5,200

Specified or guaranteed positions, other than covers, space cost +10%.

Agency discounts: 15% agency commission. Net 30 days.

All issues are on ASM's website as a digital edition. See below for additional digital edition advertising.

Additional discounts will apply to advertisers running in multiple issues.

PACKAGE PRICING

An integrated combination of ASM products can help you reach the greatest number of prospects for the lowest cost. Call to discuss how volume buying and bundled packages can give you the greatest impact. We are here to save you money when you use an integrated access approach rather than traditional à la carte methods.



DIGITAL EDITION SPONSORSHIPS

The AM&P digital edition presents you with the opportunity to be an issue's primary sponsor. Connect to our readers in two ways - a **full-page ad** adjacent to the front cover and a **banner ad** featured prominently at the top of the digital edition notification email. Don't miss the opportunity to boost brand awareness as an AM&P digital edition sponsor.

2020 ADVERTISERS INCLUDE:

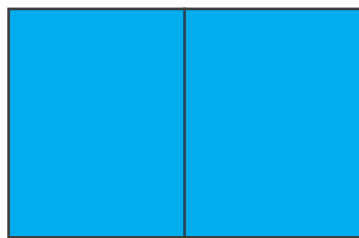
Allied High Tech Products Inc.
 Applied Test Systems Inc.
 Centorr Vacuum Industries Inc.
 ECM, USA
 Epsilon Technology Corp.
 Gasbarre Products Inc.
 GeoCorp Inc.
 Goodfellow Corp.
 Indium Corp.
 Inductoheat Inc.
 Instron
 Ipsen Inc.
 LECO Corp.
 Luminous Device Technologies Inc.
 Mager Scientific Inc.
 Master Bond Inc.
 Metallizing Equipment Co. Pvt. Ltd.
 Norman Noble Inc.
 Nikon
 NSL Analytical Services Inc.
 Quaker Houghton
 Saint Gobain Coating Solutions
 Salloytech
 Surface Combustion Inc.
 Thermo-Calc Software Inc.
 Thermo Fisher Scientific
 Tinius Olsen
 Westmoreland Mechanical Testing & Research Inc.
 ZwickerRoell

GENERAL RATE POLICY

Rates are based on number of insertions within a 12-month period. 90 days notice will be given in the event of a rate revision. Contract may be canceled at the time revision becomes effective, without short rate adjustment on space already run, provided the contract rate has been earned up to the date of cancellation.

AM&P PRINT PUBLICATION SPECIFICATIONS

2021



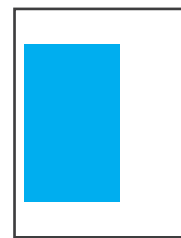
2 PAGE SPREAD

NON-BLEED: 15 1/8 x 10 in.
BLEED: 16 1/2 x 11 1/8 in.



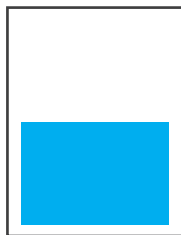
1 PAGE

NON-BLEED: 7 x 10 in.
BLEED: 8 3/8 x 11 1/8 in.



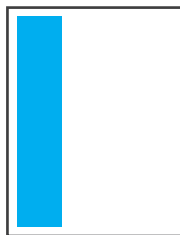
1/2 ISLAND

NON-BLEED: 4 5/16 x 7 1/2 in.
BLEED: 5 3/8 x 7 7/8 in.



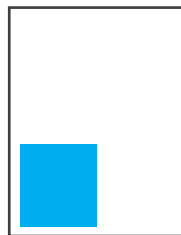
1/2 HORIZONTAL

NON-BLEED: 7 x 4 7/8 in.
BLEED: 8 3/8 x 5 5/16 in.



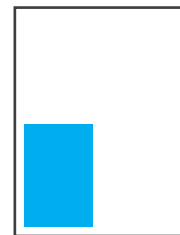
1/3 VERTICAL

NON-BLEED: 2 1/8 x 10 in.
BLEED: 3 x 11 1/8 in.



1/3 SQUARE

NON-BLEED: 4 5/16 x 4 7/8 in.



1/4 SQUARE

NON-BLEED: 3 1/4 x 4 7/8 in.

MECHANICAL REQUIREMENTS (WEB-OFFSET)

- Publication Trim Size: 8 1/8" x 10 7/8"
- Keep important illustrations and type at least 3/8" from trim edge and 5/8" from binding edge.
- 133 line screen / 300 dpi

ELECTRONIC SPECIFICATIONS

Advertisements should be submitted electronically via the following:

- Formats: High-resolution PDFs or InDesign files
- Graphics / Images: TIFF, JPEG or EPS format (CMYK), high-resolution (300 dpi).

BINDING AND PAPER STOCK

- Perfect bound
- Stock is white, coated enamel

1/10TH PAGE ADS MECHANICAL SPECIFICATIONS

Please provide approximately 50 words of typewritten copy about your company, featured product, service, or website, along with a company logo, brochure, or photograph. High-resolution digital files are preferred; see Electronic Specifications for details. Layout is included in the advertising rate.

INSERT / OUTSERT SPECIFICATIONS

- For mechanical specifications related to supplied inserts, contact the Production Manager: kelly.sukol@asminternational.org.
- Multi-page supplied inserts count as one insertion.

CLASSIFIED ADVERTISING

ASM has several ways to advertise your classified ads.

AM&P Magazine

- Advertise your open position, used equipment or general information within AM&P Magazine. Please contact us for specs and pricing.

ASM CareerHub

- Post your job or internship listing using the ASM CareerHub. This is an online, self-service model that allows you to select your package directly online. Visit the CareerHub at careercenter.asminternational.org/employer-offers.

Classified advertising does not count toward general advertising frequency and is not agency commissionable (billed gross).

Copy and Contract Regulations

The publisher reserves the right to decline or cancel any advertisement at any time. Advertisements which in the judgment of the publisher attempt to create the illusion that they are editorial matter shall carry the word "Advertisement" at the top. Advertiser and its advertising agency, jointly and severally, agree to indemnify, defend, and save harmless the Publisher, its employees and agents from any claims, actions, expenses, or losses, based on or arising out of anything contained in such advertising, including the unauthorized use of any person's name or photograph or of any sketch, map, words, labels, trademarks, or copyrighted material, obscene language, libelous statements, invasion of privacy, or anything unlawful, in connection with advertising purchased according to the terms of this rate card.

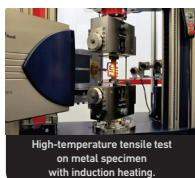
DEVELOPING HIGH TEMPERATURE MATERIALS

Testing at temperatures up to 2000°C is essential for designing materials that can handle the heat.

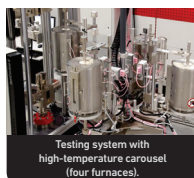
Metallic and ceramic high-temperature materials represent a fundamental area of research within the energy and transportation industries. The overall efficiency of power plants and aircraft turbines depends on the performance of these materials. Testing these materials is of critical importance to ensure their performance, and one of the leading manufacturers of testing systems for high temperature materials is ZwickRoell.

For energy conversion systems with single-cycle operation (e.g., steam or gas turbine power plants and internal combustion engines) as well as in multi-cycle systems (e.g., gas and steam turbine combined power plants), higher thermal efficiencies and thereby lower CO₂ emissions can only be achieved by increasing process temperatures and pressures. This also applies to aircraft turbines.

Traditional metallic and ceramic materials—such as those used in compressors, turbines, combustion chambers, and boilers—must be further developed and improved. Metallic materials are increasingly subjected to corrosive loading at elevated temperatures due to the atmosphere in which they operate. Therefore, it is vital that the materials are protected. One approach is to form a passivation layer through the material itself. In the high temperature range, oxides from chromium (Cr₂O₃, up to approximately 900°C), aluminum (Al₂O₃, up to approximately 1500°C) and silicon (SiO₂, up to approximately 1800°C) are best suited for use as protective coatings.



High-temperature tensile test on metal specimen with induction heating.



Testing system with high-temperature carousel (four furnaces).

Optimized materials development requires a thorough understanding of the correlation between chemical compounding, microstructures, mechanical properties, and long-term stability. To ensure the economical use of costly high-performance materials, material characteristics under practical loading must be determined, e.g., tensile loading, fracture mechanical behavior, creep, fatigue, and thermo-mechanical fatigue. Models for durability forecasting under complex loading also must be calculated.

Thermomechanical Testing

High temperature tests (e.g., tensile and flexure tests) are used to determine the thermal-elastic behavior, heat resistance, and recrystallization temperature of materials. It is common practice to install the high temperature unit (up to 2000°C) directly in the materials testing machine. This arrangement allows tensile tests to be performed at both room temperature to ISO 6892-1 or ASTM E8, and at elevated temperatures to ISO 6892-2 or ASTM E21. During room temperature testing, components such

as the high temperature furnace and extensometer are simply swiveled out of the test area.

Testing systems from ZwickRoell feature optimal coordination of furnaces including temperature controllers, correct specimen grips for tensile and flexure tests, and the appropriate extensometer. With the videoXtens (up to 1200°C) video extensometer and the laserXtens (up to 1800°C) based on the laser speckle principle, ZwickRoell offers two noncontact measuring solutions ideally suited to high-temperature tensile testing. These systems offer distinct advantages, particularly when used with sensitive specimens at high temperatures in air or vacuum environments. The combination of furnace volume, temperature tolerances and hold times specified in the standard, and heating and cooling times determine the testing duration.

Zwick / Roell

For more information on high temperature materials testing systems, contact ZwickRoell at 770.420.6555 / www.zwickroell.com.

SPONSORED CONTENT

SHARE YOUR STORY IN THE NEXT ISSUE OF AM&P



DO YOU HAVE A STORY TO TELL?

Our audience of highly engaged materials professionals is listening. Advertorials give marketers the opportunity to tell their story in a longer format than a traditional advertisement. ASM's flagship technical magazine, *Advanced Materials & Processes*, makes sharing your story both easy and extremely effective.

Discreetly labeled as “sponsored content,” your company can highlight its capabilities and points of difference, share a customer success story, or provide a detailed application example.

All we need is 500 words, your logo, and a couple of images and captions. Our editorial and design team will create the layout and then return it to you for review and approval.

Advertorial materials are due one week before ad close date.

CONTACT US DIRECTLY FOR A PRICE QUOTE

ADVERTORIALS ARE AN IDEAL WAY TO SHOWCASE:

- Interesting case studies
- Customer success stories
- Uniqueness of your products or services
- Historical profile of your company
- New capabilities and services
- Future plans and direction of your organization

TO ADVERTISE IN AM&P, CONTACT:
advertise@asminternational.org

AM&P EDITORIAL CALENDAR

2021

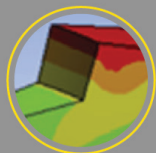
ISSUE	FOCUS	ADDED VALUE	AD CLOSE
JANUARY	Emerging Analysis Methods <ul style="list-style-type: none"> Data Analytics and Microscopy Defect Analysis using CT Scanning Automotive Aluminum 	FIRST QUARTER ADVERTISING SPECIALS	DEC. 7
FEBRUARY / MARCH	Metallography and Materials Characterization <ul style="list-style-type: none"> Jacquet Lucas Winner Emerging Topics in Metallography Characterization of Rare Earth Elements Materials Analysis: Tips and Trends 		JAN. 20
APRIL	Aerospace Materials and Testing <ul style="list-style-type: none"> Polymers for Aerospace AM Titanium Parts for Aerospace Ceramics and Testing AeroMat Show Preview ITSC Show Preview SMST Show Preview 	Show Issue for AeroMat, ITSC, and SMST Special supplements: <i>Intl. Thermal Spray & Surface Engineering</i> <i>SMST NewsWire</i> Bonus Distribution AeroMat 2021: May 24-27 - Quebec City ITSC 2021: May 24-27 - Quebec City SMST 2021: May 17-20 - San Diego, CA (included in event registration bags at the SMST show)	MARCH 6
MAY / JUNE	Modern Materials for Energy / Automotive / Power Generation <ul style="list-style-type: none"> Solar Power Materials Sustainable Materials for Energy Trends in Automotive Materials IMAT Program Highlights 	Heat Treat Preshow Issue Special supplement: <i>HTPro</i>	APRIL 21
JULY / AUGUST	Metal Additive Manufacturing <ul style="list-style-type: none"> 3D Printing of Metallic Glass Characterization of AM Components IMAT Show Preview Heat Treat Show Preview 	IMAT Show Issue Signet Ad Study Special supplement: <i>Intl. Thermal Spray & Surface Engineering</i> Bonus Distribution (included in event registration bags): IMAT 2021: September 13-16 - St. Louis MO	JUNE 23
SEPTEMBER	Nondestructive Testing & Failure Analysis <ul style="list-style-type: none"> Advanced NDE Methods Corrosion Prevention and Analysis Analyzing Electronics Failures ISTFA Show Preview 	Heat Treat Show Issue Special supplement: <i>HTPro</i> Bonus Distribution (included in event registration bags): Heat Treat 2021: September 14-16 St. Louis, MO Cold Spray 2021: September 14-16 St. Louis, MO	AUG. 9
OCTOBER	Additive Manufacturing <ul style="list-style-type: none"> Parts Qualification 3D Printing of Polymer Biomaterials Safety and Standards Ceramics and AM 	SMST 2022 Preshow Issue Special supplement: <i>SMST NewsWire</i>	SEPT. 8
NOVEMBER / DECEMBER	Materials Testing & Characterization <ul style="list-style-type: none"> Emerging Testing Methods Nanoscale Characterization Trends in Testing Equipment Archaeometallurgical Showcase 	Signet Ad Study Special supplement: <i>HTPro</i>	OCT. 20

ADVANCED MATERIALS & PROCESSES eNews

An ASM Materials Solutions Publication

Park
SYSTEMS**Park NX-Wafer**

Atomic force profiler & automatic defect review
The next generation atomic force profiler for accurate, high throughput CMP topography measurements. Fully automated defect imaging and classification that raises productivity by up to 1000%. It supports 300mm wafer and EUV photomasks, for inline fab or offline lab metrology.

www.parkafm.com/semicon


Featured article from the September issue of *Advanced Materials & Processes*

Solving Critical Heat Treatment Challenges

[\[READ FULL ARTICLE \]](#)

ASM'S ANNUAL MEETING

IMAT 2020

A spectrum of emerging topics of global interest will be covered, such as additive manufacturing; materials for the energy, power and transportation industries; renewable and sustainable

29%

AVERAGE CLICK-TO-OPEN RATE

FORMAT: HTML & TEXT

AM&P eNews delivers the latest updates from the metals and materials industries. As an eNews sponsor, you can promote yourself in a large format position through text, a direct link to your website, and your company name – and we provide full tracking statistics.



of AM&P eNews readers use, purchase, recommend, and implement products and services in the materials science industry.



of all subscribers have directly purchased products or actively researched purchasing products as a direct result of reading the AM&P eNews.



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2021

Staying current is key to staying relevant, so ASM Conferences and Expositions cover the latest trends and developments in industries like heat treating, thermal spray, shape memory alloys, aerospace materials and more.

THERMAL SPRAY OPEN MIC VIRTUAL SERIES MONTHLY EVENT | NOVEMBER 2020 – JUNE 2021

The ASM Thermal Spray Society is providing students/emerging professionals with a rare opportunity to interact with the world's best, brightest and most influential leaders in the global thermal spray industry. The open and informal format will be similar to a "fireside chat", allowing the opportunity to have a relaxed discussion and exchange of information, at both the technical and non-technical level.

SMST MAY 17 – 21, 2021 | SAN DIEGO, CA

SMST is the leading worldwide conference and exposition for shape memory and superelastic technologies and is highly focused on the manufacturing and application of shape memory materials. The event is part of ASM's Shape Memory and Superelastic Technologies Society.

AEROMAT MAY 24 – 26, 2021 | QUEBEC CITY, CANADA

AeroMat focuses on innovative aerospace materials, fabrication and manufacturing methods that improve performance, durability and sustainability of aerospace structures and engines with reduced life-cycle costs. Co-located with AeroMat.

ITSC MAY 24 – 27, 2021 | QUEBEC CITY, CANADA

ITSC is the world's foremost international conference and exhibition for thermal spray technologists, researchers, manufacturers and suppliers. This conference rotates between North America, Europe and the Pacific Rim and is organized by the ASM Thermal Spray Society, the German Welding Society (DVS) and iiw.

IMAT SEPTEMBER 13 – 16, 2021 | ST. LOUIS, MO

IMAT is ASM's annual event, is the only targeted event on advanced materials, applications and technologies in key growth markets that will have a focus on economic trends and business forecasts. The event will include a diverse group of materials experts, including the ASM Programming Committees, AeroMat Committee, and all six of ASM's Affiliate Societies, who are heavily involved in building the technical symposiums, which will have a strong focus on real-world technologies that can be put to use today. Co-located with Heat Treat and Cold Spray.

HEAT TREAT SEPTEMBER 14 – 16, 2021 | ST. LOUIS, MO

Heat Treat, the biennial show from the ASM Heat Treating Society, is considered the premier, can't-miss event for heat treating professionals in North America. Heat Treat features an exciting mix of new technology, exhibits, technical programming and networking events geared toward the heat treating industry. Co-located with IMAT and Cold Spray.

NORTH AMERICAN COLD SPRAY CONFERENCE SEPTEMBER 14-15, 2021 | ST. LOUIS, MO

Organized by the ASM Thermal Spray Society, this conference will include invited presentations from prominent industry speakers from industry, government and academia. Attendees will gain technical insight on new technology, exciting applications and cutting-edge cold spray research. Co-located with IMAT and Heat Treat.

ISTFA OCTOBER 31 – NOVEMBER 4, 2021 | PHOENIX, AZ

ISTFA is the only North American event devoted to the semiconductor, electronic sample preparation and imaging markets. ISTFA offers the best venue for failure analysts and the FA community for sharing challenges and acquiring the technical knowledge and resources needed to take them on. The event is part of ASM's Electronic Device Failure Analysis Society.

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