TMS2003

132nd Annual International Meeting & Exhibition



March 2-6, 2003
San Diego Convention Center
San Diego, California

Internationally recognized technical forum

PLUS

Unique international audience

PLUS

One-on-one exhibit experience



The TMS 2003
International
Metals and
Materials
Exhibition is
your most
efficient
marketing
tool.

AN INTERNATIONALLY RECOGNIZED TECHNICAL FORUM

The TMS Annual Meeting &

Exhibition is globally recognized as
the premier forum for the metalsand materials- related industries and
associated research community.

More than 45 topical symposia,
200 sessions, and 1,500 individual
papers are presented during the
event, focusing on the state-of-the-art
materials processing, analysis, and
application technologies.

The participation of qualified experts and management professionals from throughout the world assures you of reaching credible prospects from all of your market segments.



COVER PHOTO: CHANGING ANODES

When carbon anodes are subjected to temperatures averaging 1800 degrees, the oxygen released from the alumina consumes them and molten aluminum settles in the bottom of the pots. Each anode has a production life of 25 days and must be changed on a regular schedule by highly skilled operators in automated overhead cranes.

The comprehensive technical program includes these topical tracks

Aluminum and Magnesium: Production and Processing

This track encompasses a menu of symposia that focus on the science and technological issues associated with the production and processing of the two most widely marketed and applied light metals – aluminum and magnesium. Programming will also examine progress in the development and refinement of related alloys and their performance.

The TMS Annual Meeting & Exhibition is recognized as the global light metals community's preeminent forum for the presentation of primary and secondary aluminum technology. The proceedings of the alumina reduction, bauxite and alumina, carbon, cast shop, and recycling technology symposia are published in the annual volume – Light Metals. This book is widely recognized as the "bible of the aluminum industry." Rapidly attaining similar status, Magnesium 2003 provides a like reference for scientists and engineers working with this extremely lightweight metal.

High-Temperature Materials

The symposia of this track will provide a form to explore the design, manufacture, application, and service performance of high-temperature materials, including superalloys, ceramics, intermetallics, and composites.

Materials Characterization and Mechanical Properties

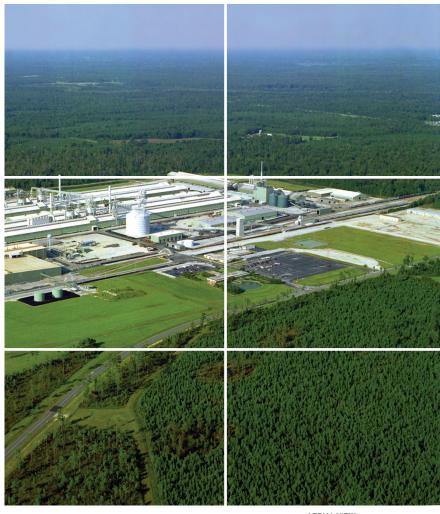
The symposia of this track provides an opportunity to expand our understanding of structure-processing-property-performance relationships, as well as the associated physical and mechanical behavior. Within the context of the discussions, the application of electron microscopy, crystallography, computer modeling, and other techniques will be considered in the investigation of defects, fatigue, phase stability and transformation, radiation damage, hardening and softening, twinning, and other characteristics for a wide range of materials.

Metallurgical Extraction, Processing, Shaping, Forming, and Recycling

Embracing the cornerstone issues of global primary metals production field, this track provides presenters an opportunity address issues related to the emergence of materials; the increasing role of the computer in all facets of processing; mineral preparation, handling, extraction, and refining; manufacturing processes such as shaping and forming; recycling and waste minimization; and regulatory matters. Many of the presentations will appear in the 2003 EPD Congress, the annual volume of the TMS Extraction & Processing Division and which provides coverage of the optimized processing approaches to ferrous and nonferrous metals.

Micro- and Nanoscale Technologies

Developments in the synthesis, analysis, and application of these small-scale materials will be explored in this track of symposia. Materials in various forms, including thin films, coatings, powders, and bulk materials as well as the practical use of the same (e.g., electronic packaging) should be addressed.



Materials Science Education

This track will explore and articulate advances in content, approaches, and methodologies in undergraduate and graduate materials education.

HOT-TOPIC TRACK

Materials Production and Processing Efficiencies

Featuring the TMS Materials Processing & Manufacturing Division's Fourth Global Innovations Symposium: Energy Efficient Manufacturing Processes, this spotlight programming track will present technological innovations and advancements that advance the growing global concern of achieving greater production efficiency while simultaneously reducing resource consumption.

This diverse program when combined with keynote speakers, tutorial lectures, short courses, receptions, luncheons, service and technology awards, and local plant tours makes for an expansive and encompassing event that attracts an elite and involved audience.

AERIAL VIEW

Situated on 6,500 acres in Berkeley County, South Carolina, ALCOA Mt. Holly is producing 235,000 tons of primary aluminum annually. It is most the advanced plant of its kind in the U.S., a paccesetter in production efficiency, energy utilization and environmental protection.

More than
3,000 of the
world's most
qualified
materials
professionals
visiting your
booth.

THE EVENT ATTRACTS MORE THAN 3,000 PROSPECTS, representing businesses in more than 60 countries, and presents them with your marketing message. This audience comprises key decision-makers — metals and materials production supervisors, engineers, research scientists, process managers, and corporate leaders. They will all gather at the San Diego Convention Center the week of March 2–6, 2003. These are not disinterested people just walking by your booth. These are the most qualified materials professionals in the world.

TMS WILL PARTNER WITH YOU to establish effective communication with not only the attendees of the 2003 TMS Annual Meeting & Exhibition, but with more than 30,000 potential attendees. *JOM*, the society publication and official show magazine, has a readership of 10,000 members and subscribers. With a pass-along readership of 3:1, you do the math. That's an audience of 30,000 interested prospects. Representing quality and quantity, these professionals regularly influence and/or make the material, equipment, product, and service buying decisions for their organizations.

A UNIQUE INTERNATIONAL AUDIENCE



ONE-ON-ONE EXHIBIT EXPERIENCE

The exhibition itself brings it all together with an outstanding face-to-face business environment that is the primary source of practical, hands-on information, where more than 3,000 pre-qualified prospects will see technology put into practical application in problem-solving products and services. Because of the level of expertise, professionalism, and decision-making responsibility possessed by the TMS Annual Meeting attendees, your experience in the exhibit hall will be similar to a pre-qualified, one-on-one sales call rather than a random contact on a trade show floor. The exhibit is their source for the problem-solving solutions that they can put to work today.

The TMS 2003 International Metals & Materials Exhibition is designed to provide for maximum networking opportunities. Special events in the exhibit hall make it the primary gathering place for the attendees, helping to ensure time with your prospects and positive returns from your exhibit investment. At a cost of less than \$1.00 per prospect, this may be your most cost efficient and successful international marketing initiative in 2003. TMS endeavors to maximize your marketing leverage by vigorously promoting the meeting and exhibition and by providing an array of supplemental sponsorship opportunities and advertising options to maximize the impact of your message.

ONE EXHIBITION, MANY BUSINESS OPPORTUNITIES

Here are some of the products and services that are typically a part of the exhibit:

- Air Pollution Control Equipment
- Alloy Producers
- Aluminum Production, Processing, Quality and Refining Systems
- Automation, Computer Simulation and Software
- Carbon Technology
- Casting Equipment
- Combustion Technology and Furnaces
- Degassing
- Dross Handling
- Engineering and Consulting Services
- Filtration Equipment
- Instrumentation
- Master Alloys
- Measurement, Testing and Analysis
- Equipment & Services
- Modeling and Computer Simulation Products & Technology
- Primary/Secondary Metals Producers
- Process Equipment
- Publishers/Information Services
- Recycling/Scrap Processing
- Refractory and Insulating Products

And much more!

If you are a supplier of any of the products and services listed above, or any that fill a need of the metals and materials community, you need to be at the TMS 2003 International Metals and Materials Exhibition.

Contact Cindy A. Wilson, TMS Exhibits Coordinator, at 724-776-9000 ext. 231, or wilson@tms.org to reserve your space today.



WITH A SPACE RESERVATION FOR TMS 2003 EXHIBITION YOU WILL:

- Establish the highest quality decision-making contacts
- Develop international business relationships
- Enhance your worldwide corporate identity







FOLLOWING THE CASTING PROCESS

A metals handler using an overhead crane transfers newly cast extrusion billet to an automated pre-sawing line. Here it will be cut to desired customer lengths, banded in convenient shipping bundles and shipped.

The world
will know
that your
organization
is a
prominent
participant.



TMS AGGRESSIVELY MARKETS YOUR EXHIBIT

THROUGH A SUSTAINED, wide-ranging, year long campaign, TMS alerts the global metals and materials community to the coming of the 2003 TMS annual meeting & exhibition. We assure that the world knows not only of the importance, scope, and timing of the event, but also that your organization will be a prominent participant. Beginning with a call-for-papers in the spring of 2002, TMS aggressively encourages professionals worldwide—the very decision makers that you seek to reach—to join with their colleagues in San Diego next March. We invite them again and again and again.

TMS 2003 Annual Meeting & Exhibition Monthly Marketing Highlights

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Marketing and Promotion	Feb-02	Mar-02	Apr- 02	May-02	Jun- 02	Jul- 02	Aug-02	Sep-02	Oct-02	Nov-02	Dec-02	Jan-03	Feb-03	Apr-May 0
Ads in JOM							•	•	•	•	•	•		
Preliminary technical program/ preshow report in JOM										•				
On-site program and show directory in JOM													•	
Light Metals intensive issues of JOM	•			•			•			•			•	
News release – society/professional/trade journals		•				•			•					
News release – San Diego/ regional									•				•	
2003 Annual Meeting & Exhibition web site	•	•	•	•	•	•	•	•	•	•	•	•	•	
TMS e-News					•	•	•	•	•	•	•	•	•	
Electronic call-for-papers					•									
Targeted e-mails and e news releases					•		•		•	•	•	•	•	
Listings on meeting/trade show web sites	•	•	•	•	•	•	•	•	•	•	•	•	•	
Electronic program/personal conference scheduler										•	•	•	•	
Virtual exhibition										•	•	•	•	
Printed call-for-papers				•										
Marketing Prospectus				•										
Advance brochure									•					
Reminder post-card											•			
Exhibit passes										•				
Post-meeting coverage in JOM														•
														•

EXHIBITION DETAILS

Space Rental Charges:

- \$20.00 per square foot—for reservations received before September 15, 2002
- \$22.00 per square foot—for reservations received after September 15, 2002

Standard Spaces are 10' × 10'.

The minimum space size is 10' × 10' (3.04m x 3.04m). Contact TMS to customize space to achieve your specific marketing and budgetary objectives.

Show Dates and Hours:

Your Space Rental Includes:

- Security throughout the show (includes set-up, show hours and dismantle)
- 8' back drape and 3' side drape
- 44" sign identifying your company name and booth number
- Aisle carpeting and aisle carpet cleaning
- Comprehensive exhibitor services manual
- Hosted Welcoming Reception and Coffee Breaks in the Exhibit Hall

Your Exhibit Package Also Includes:

- A supply of show invitations—free admission for customers and prospects
- Two complimentary exhibitor registrations to attend the TMS technical sessions
- A Standard listing in the Pre-Show and On-Site Show Directories, both of which are bundled within the official show journal—*JOM*.
- Hypertext link from the TMS virtual exhibit to your web site
- Attendee Mailing Labels
- One pre- or post-conference e-mail promotion to meeting attendees (performed by TMS)
- One complimentary TMS Membership for 2003.

Space Reservation:

To reserve your exhibit space, or to hold space on a tentative basis, we encourage you to act immediately to both secure a prime location and to benefit fully from your TMS partnering opportunities. Our exhibit and meeting promotions are already underway. To request a specific location, review the enclosed floorplan and complete and return the Space Reservation form, access the reservation form on the TMS website at http://www.tms.org/AnnualMeeting.html, or contact:

Cindy A. Wilson, Exhibits Coordinator The Minerals, Metals & Materials Society 184 Thorn Hill Road, Warrendale PA 15086

Phone: 724/776-9000, ext 231

Fax: 724/776-3770 Email: wilson@tms.org Web: http://www.tms.org

Our marketing plan will support your marketing efforts via the following media and promotions:

Print Publications

- JOM, is the official journal of the TMS Annual Meeting. It includes monthly advertisements, articles, and columns highlighting the event that reach more than 30,000 readers each month.
- Frequent news releases to dozens of society, professional, and trade journals.
- Advertisements in specified technical and trade publications.
- News releases to San Diego and regional publications.
- Pre-meeting distribution of the exhibition "pre-show" guide.

E-marketing

- A comprehensive web site that provides the up-to-theminute event information including on line registration, detailed program information and attendee tools.
- A dynamically maintained virtual exhibition spotlighting your products and linking to your web site.
- Electronic program and interactive personal conference scheduler available via the TMS Conference Management System.

- Monthly promotion in TMS e-News, the monthly electronic newsletter that is sent to more than 14,000 members and other materials science and engineering professionals—your prospects.
- Segmented broadcast e-mails that shine a spotlight on meeting and exhibit updates for highly targeted audiences.
- Listings and information posted to essential and highly trafficked meeting and trade show web sites.

Direct Mail

- Meetings call for papers mailed to more than 20,000 professionals worldwide; thousands more will access it via the World Wide Web..
- TMS 2003 Annual Meeting & Exhibition advance brochure mailed to more than 28,000 prospects.
- Reminder post-card mailed to all TMS members.
- Printed exhibit passes provided to you for mailing to your prospect list.

Other

- News release sent just prior to the event to local media.
- Public relations support via the San Diego Convention & Visitors Bureau

Join more than 100 organizations who have already reserved exhibit space for the 2003 TMS Exhibition.

TMS offers
your company
the exposure
necessary for
ensuring a
successful
networking
experience.

TMS OFFERS YOU THE SUPPLEMENTAL TOOLS necessary to build a comprehensive marketing plan designed to achieve maximum benefit from the TMS 2003 Annual Meeting & Exhibition. Even if you cannot exhibit with TMS in San Diego, you can still reach and influence our audience with on-site sponsorships or ads in *JOM*. Choose the additional features that best suit your needs. However, our special ad placements and sponsorship opportunities are limited, and exhibit participants are given the first choice.

TMS IS YOUR TOTAL MARKETING PARTNER

The JOM Partnership Plan

JOM has earned must-read status within the discriminating community of metallurgists and materials scientists and engineers...and it is the only official journal of the TMS Annual Meeting & Exhibition. JOM consistently scores as one of the field's most respected technical membership journals as measured by the prestigious Science Citation Index. Our journal is read monthly by approximately 30,000 of the world's materials science and engineering professionals who require timely, accurate, and practical information.

As the official publication of the TMS Annual Meeting & Exhibition, special-issue advertising opportunities are available in conjunction with the 2003 TMS Annual Meeting & Exhibition. This includes the November 2002 issue, which will publish the preliminary technical program and exhibition "preshow" report, which many attendees use to map their schedules for the conference and refer to again and again. The February 2003 issue will serve as the on-site technical program and the show directory. It will be distributed to all attendees in San Diego. Exhibitors can save up to 15% on the standard ad rates in these special issues and will receive in addition, a free hypertext link from the *JOM* web site to their company's site with each ad that is purchased.

Leading up to the meeting, many issues of the journal will feature extensive meeting and exhibition advertising—an ideal opportunity for you to leverage additional exposure. After the meeting, several issues will recap meeting events and technical programming—another set of opportunities to reinforce your message with our meeting attendees and readers.

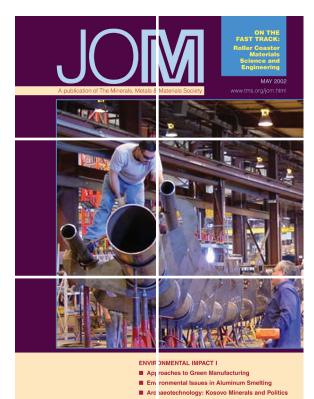
Advertising in *JOM* is an optimal way to build interest in your company and attract more people to your booth. A variety of packages designed to support your marketing plan are available.

Web Advertising

JOM and TMS have a robust and very well established presence on the World Wide Web. Averaging a combined 500,000 downloads a month, the TMS web sites are universally recognized as a key source of information to the worldwide materials science and engineering community. The TMS Annual Meeting home page is annually one of TMS's most visited sites, responding to requests in the hundreds of thousands.

You can sponsor any page on the *JOM* or TMS web site with a banner advertisement and your ad would be the first thing visitors see when users open the page. This is an ideal opportunity to establish brand recognition and cultivate interest among potential clients. You can also place an ad in the on-line meeting program, which is viewed more than 100,000 times. Your ad can be the first thing users see every time they open the program.

For more information on *JOM* or web advertising opportunities, please contact Arlene Frances at 724-779-9000 ext. 280, or afrances@tms.org.





SPONSORSHIP OPPORTUNITIES

Our comprehensive package of promotional opportunities includes:

- Recognition in the Final Meeting Program
- Company name and logo spotlighted at a sponsored event/area
- Signage featuring company logos throughout the public meeting areas
- Branding of the bags/other materials provided attendees

Sponsorship opportunities include:

- E-mail Cyber Center
- Coffee Breaks
- Exhibit Receptions, Luncheons, or Breaks
- Hotel Shuttle Bus
- Event Signage
- Exhibit Prize Drawings
- Program Bags
- Badge Lanyards
- Symposium Proceedings Publication
- Conference Program
- Awards Banquet/Reception
- Golf Outing Sponsorships
- Tell us your idea!





Contact Cindy A. Wilson, TMS Exhibits Coordinator, at 724-776-9000 ext. 231, or wilson@tms.org, to discuss a custom sponsorship tailored to showcase your organization

TEST SAMPLES
DETERMINE METAL PURITY
At the cast house the molten metal is weighed and a sample is sent to the company's quality lab to determine its purity.

Need more convincing?

Your competitors will be there!

AAPL, LLC

Hundreds of companies representing a variety of industries and product lines can testify to the value of participating in the TMS International Metals and Materials Exhibition. Firsthand, they have realized the benefits of meeting face to face with the world's leading material producers, engineers, plant personnel, scientists, and process managers for a week of presentations, problemsolving and networking. As evidence, many of them return to the TMS International Metals and Materials Exhibition year after year to continue experiencing the

benefits.

HERE ARE SOME OF 2002'S PARTICIPATING ORGANIZATIONS:

ABB Bomem Inc ABB Inc.-Metal Refining Systems ABB Industrie AG Advanced Dynamics Corp AISCO Systems Inc Alan Worswick Ltd Alcan Inc Aleastur Almeq Norway AS Altech Alu-Cut International Aluminium International Today Aluminium Times Aluminium World Anter Corporation **B&P** Process Equipment Systems LLC Bahr Bros Mfg **BDH** Industries Inc Bekintex North America BetzDearborn **BHA Group Inc** Bloom Engineering Borgestad Fabrikker AS Brochot Brook Hunt Buehler Ltd Calcom SA Cambridge Scientific Abstracts Canadian Overhead Handling Inc Carl Zeiss Inc MicroImaging Systems Cometal Corus Aluminium Walzprodukte GmbH Culimeta America Inc Danieli Corus Canada Inc Davy Process Technology AG Deutsche Gesellschaft fur Materialkunde

DISA Systems Inc

Ebner Furnace

FCL EDAX Inc/TSL Eirich Machines Inc Elkem Materials. Ceramite Products Elsevier Science FCB Aluminium Fluent Inc. Giesel Verlag GmbH Gillespie + Powers Inc Glama Maschinenbau GmbH GMD Environmental Systems Inc **GNA** Alutech Inc Granutech-Saturn Systems Corp Graphite Engineering & Sales **GVI** H C Starck H.G. Engineering Ltd Hamilton Research & Technology Hauck Manufacturing Co Hencon BV Hereaus Electro-Nite Co Hertwich Engineering HIROX-USA Inc Holton Machinery Ltd Hydro Aluminium HyCast AS Hysitron Inc Industrial Heating Magazine **Industrial Tip** innovatherm GmbH+Co.KG Insulation & Machining Svcs Ltd Integran Technologies Inc International Magnesium Assn International Procurement Inc J McIntyre Machinery Jayne Industries Jervis B Webb Intl Co. JOMKabert Industries KB Alloys Inc

KBM Affilips BV

KEMPE International

Kiltel Systems Inc L P Royer Inc LAR Lechler Inc LECO Corporation Leeman Labs Inc Light Metal Age LMI Selcom LOI Inc maerz-gautschi GmbH MagChem Master Alloys Co McAllister Mills Inc MDN/Air Hydro Power Megaquip Ind Ltd Messe Dusseldorf North America Metal Bulletin Metallurg Canada Ltd Metallurgical Society of CIM Metaullics Systems Co Micro Photonics Inc Mid-Mountain Materials MikroPul Milward Alloys Inc Minteq International Inc Modern Metals Magazine Moltech Molten Metal Equipment Innovations Inc Multistat Inc Murlin Chemical Inc NITON Corporation NKM NORSMELT North American Mfg Co NV Gouda Vuurvast Oak Ridge National Laboratory OMBKE/Vividus Ltd Opsis Inc Palbam Metalworks Pechiney Group Plibrico

Port of Longview

Precimeter Inc

Procedair Industries **Process Engineering** Resources Inc Pyrotek Inc R&D Carbon Raytek Reel Rex Roto Corporation Saint Gobain Industrial Ceramics Samri Company, Ltd Selee Corporation SERMAS Industrie **SETARAM** Silver Needle Inc SINOMAG SKAMOL **SMV STAS** Stein Atkinson Stordy Ltd. Stellar Materials SWS Scharf Westfalia GmbH Techmo Car s.p.a. The Nonferrous Metals Society of China Thermal Ceramics Thermcon Ovens BV ThermoARL Thorpe Technologies Inc **UES Software Inc** Unifrax Corporation Unisearch Associates Inc US Department of Energy Vallee Inc VAW Aluminium Technologie GmhH Vulcan Refractories Wagstaff, Inc. Western Industrial Ceramics Wienalco Xothermic Inc. Zedtec Combustion Systems Inc Zircar Ceramics Inc

Zircar Refractory

Composites Inc

JOM . . . the perfect complement to your company's exhibit marketing plan!



TARGET AUDIENCE: 30,000 materials science and engineering professionals who read *JOM* for the latest technological developments, quarterly coverage of the light metals industry, news, general interest, industry ads, and ongoing promotion of the 2003 TMS Annual Meeting and Exhibition.

Industries served:

l	LIGHT METALS	.21.2%
	STRUCTURAL MATERIALS	.21.6%
	EXTRACTION & PROCESSING	.19.2%
	MATERIALS PROCESSING AND MANUFACTURING	.18.5%
	ELECTRONIC MATERIALS	8.2%
	OTHER TECHNOLOGIES	.11.2%

TO DISCUSS THE OPPORTUNITIES THAT ARE AVAILABLE OR TO REQUEST A MEDIA KIT, CONTACT:

Arlene Frances

JOM Advertising Sales Representative
Tel: (724) 776-9000 ext. 280
Fax: (724) 776-3770
E-mail: afrances@tms.org

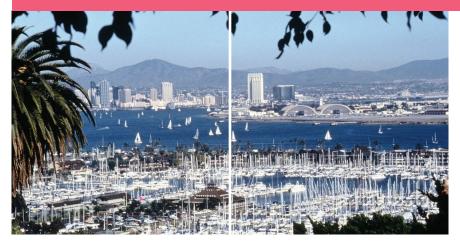
Cost per contact: For as little as little as \$0.04 each, reach key decision makers, including:

- Over 5,000 research and development managers and engineers
- Over 4,500 corporate and manufacturing/laboratory managers
- Nearly 10,000 engineers, scientists, and consultants

Benefits:

- Extend your audience reach by as much as 10 times the exhibit attendance.
- Create traffic to your exhibit with increased visibility.
- Reinforce your message and value of your products.
- Gain additional web exposure for free.
- Save: A full-page black and white ad in JOM can cost less than the postage you will spend to send a follow-up letter or brochure to meeting attendees.
- Expand and Increase: Multiple insertion discounts and special deals for exhibitors are available to help your company expand its reach and increase business transacted through an effective and total exhibit marketing plan.

We look forward
to seeing you in
San Diego. . .
and of course
in JOM



SAN DIEGO



http://www.tms.org/AnnualMeeting.html

KNOWN FOR IT'S NEAR-IDYLLIC CLIMATE, 70 miles of pristine beaches and dazzling array of world-class family attractions, including the World-Famous San Diego Zoo and Wild Animal Park, Sea World San Diego and LEGOLAND California, San Diego offers a wide variety of things to see and do, appealing to guests from around the world.

San Diego's arts and culture and culinary arts are making a name for themselves, both nationally and internationally. Balboa Park, the largest urban cultural park in the U.S., features 15 museums, numerous art galleries, beautiful gardens, the Tony Award-winning The Globe Theatres and the World-Famous San Diego Zoo. The region is also a breeding ground for the hottest, new talents of culinary arts, who prepare award-winning meals in many of the region's 6,400 eating establishments.

San Diego County also features 92 golf courses and a variety of exciting participatory and spectator sports, beachfront resorts and luxury spas, gaming, a dynamic downtown district, annual special events and unique holiday offerings, multicultural festivals and celebrations, colorful neighborhoods and communities, a rich military history, accessibility for travelers with disabilities and much more.

ABOUT TMS

The Minerals, Metals & Materials Society (TMS) is a professional organization encompassing the entire range of materials and engineering, from minerals processing and primary metals production to basic research and the advanced applications of materials.

Included among its professional and student members are metallurgical and materials engineers, scientists, researchers, educators, and administrators from more than 70 countries on six continents.

For more information on the 132nd TMS Annual Meeting & Exhibition visit TMS online at http://www.tms.org/ AnnualMeeting.html