

TMS 2001

130TH ANNUAL MEETING & EXHIBITION

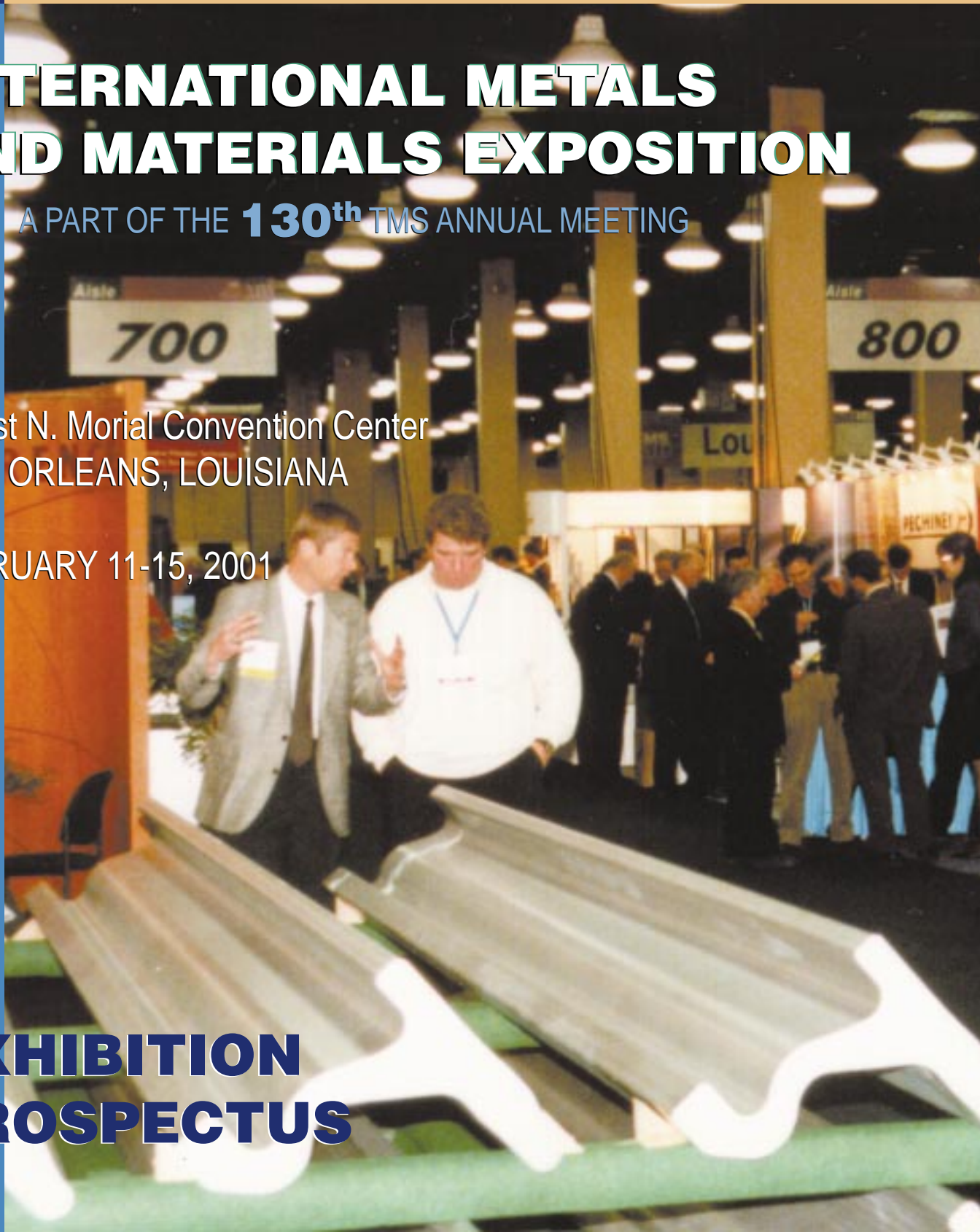
INTERNATIONAL METALS AND MATERIALS EXPOSITION

A PART OF THE **130th** TMS ANNUAL MEETING

Ernest N. Morial Convention Center
NEW ORLEANS, LOUISIANA

FEBRUARY 11-15, 2001

**EXHIBITION
PROSPECTUS**



**OVER 4,500 OF THE WORLD'S
METALS AND MATERIALS LEADERS
WILL CONVENE IN NEW ORLEANS FOR
ONE DYNAMIC WEEK OF TECHNICAL
PRESENTATIONS, EXHIBITS
AND NETWORKING**

Top researchers, engineers, scientists and producers are attracted to the TMS Annual Meeting Exhibition for extensive information on:

- Metals and materials fabrication technology
- The latest research findings
- New product innovations
- Electronic, robotic or technological developments
- Industry, market and government trends in research, engineering and production

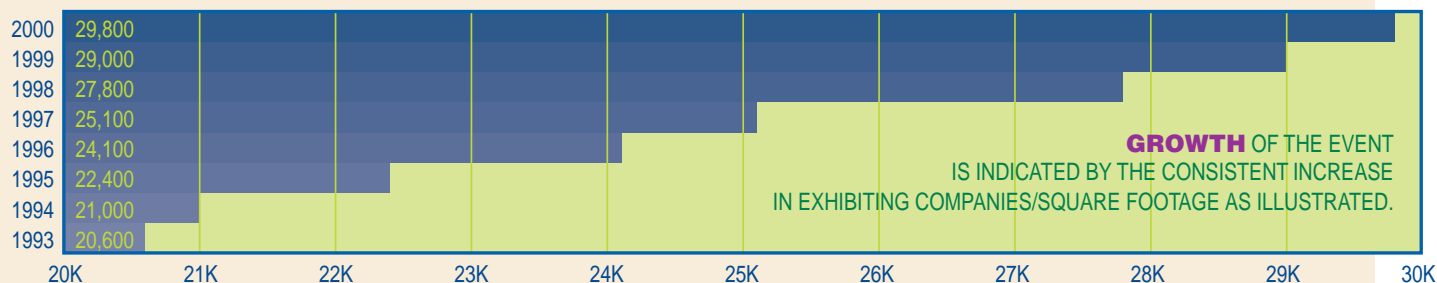
... critical information for surviving
the aggressive pace of 21st Century business.

Plan now to reserve space for the 2001 TMS Exhibit and join science and industry's leading players to:

- Integrate technologies
- Determine solutions
- Anticipate the needs of the future

THE PRODUCTS AND SERVICES FEATURED IN THE TMS EXHIBITION INCLUDE:

- Air pollution control/equipment
- Aluminum production, processing, quality and refining systems
- Automation/computer simulation
- Chemicals and additives
- Combustion technology
- Computer software
- Corrosion/surface treatment
- Engineering and consulting services
- Filtration
- Furnaces
- Image analysis
- Industrial gases
- Instrumentation
- Lubricants
- Master alloys
- Material handling
- Material information
- Measurement/testing and analysis
- Microscopy
- Process equipment
- Protective clothing
- Publishing
- Raw materials products/services
- Recycling/scrap processing
- Refractory and insulating products
- Research & development
- Service contractors
- Water cooling & treatment
- X-ray diffraction



MAXIMIZE YOUR MARKETING DOLLAR BY EXHIBITING WITH TMS



The Exhibit Package Includes:

- Show Passes for Your Customers
- Exhibitor Registration to Attend Technical Sessions
- Listing in the Pre-Show Report and the On-Site Show Directory
- Link from the TMS Website to Your Website
- Pre- and Post-Conference Mailing Labels
- Vendor Presentation Opportunity in the Exhibitor Mini-Sessions
- TMS Membership


YOU MAY REVIEW THE FLOORPLAN, COMPLETE AND RETURN THE ENCLOSED SPACE RESERVATION FORM OR CONTACT:

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

- TELEPHONE: (724) 776-9000, ext 231
- FAX: (724) 776-3770
- E-MAIL: wilson@tms.org
- WEBSITE: <http://www.tms.org>

FOR MORE INFORMATION on the 130th TMS Annual Meeting & Exhibition visit the meeting home page at www.tms.org/Meetings/Annual-01/AnnMtg01Home.html

NEW FEATURED PROGRAMMING BY THE ALUMINUM ASSOCIATION

Adding strength to the technical program for 2001, The Aluminum Association  will join forces with TMS for the first time by programming the following three symposia. This programming will add an important facet to the Light Metals Program, particularly downstream aluminum processing and applications. Symposia scheduled by The Aluminum Association and the Light Metals division of TMS include:

Aluminum in Building and Structural Design Applications

The third largest end use of aluminum in the U.S. is in construction and infrastructure applications. In addition, many applications of aluminum in transportation and other growing markets require the material to be designed for load bearing applications. Much of this design is performed in accordance with a newly revised Aluminum Association standard, the Aluminum Design Manual. Papers in this session outline the use of aluminum as a structural material, including its properties, design advantages, and applications. Submit abstracts electronically at <http://cms.tms.org> or to:

Randy Kissell, TGB Partnership

1325 Farmview Road, Hillsborough, NC 27278 USA

T: (919) 644-8250; F: (919) 644-8252

E-mail: tgb@mindspring.com

Aluminum Joining— Emphasizing Laser and Friction Stir Welding

Aluminum alloys are finding expanding application in automotive structures and hang-on components and with these come new challenges for effective and efficient joining. Those challenges are being met with both new welding processes, like friction-stir welding, and with enhancements to existing processes, such as multiple-head spot welding and automated systems. In

this session, we will focus on a number of these new and enhanced joining technologies, using real case studies to illustrate the degree of progress that has already been made as well as some of the potential for the future. Submit abstracts electronically at <http://cms.tms.org> or to:

Gilbert Kaufman

3662 Pevensey Drive, Columbus, OH 43220-4821 USA

T: (614) 459-3949; F: (919) 644-8252

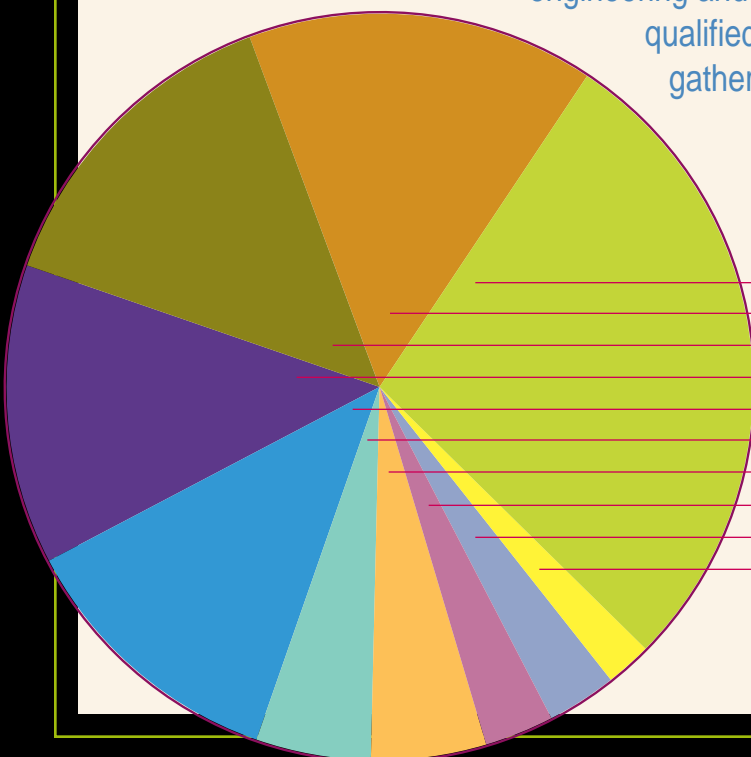
E-mail: tgb@mindspring.com

Bauxite Residue Treatment: New Developments

The treatment and use of bauxite residue (sometimes known as red mud) was the focus of an industry workshop sponsored by The Aluminum Association in late 1999. Industry representatives were joined by outside experts to explore approaches and establish priorities for collaborative research efforts. These deliberations have been recorded in a "Technology Roadmap for Bauxite Residue Treatment and Utilization" published by the Association. Highest priority was proposed for work on metal recovery from the residue, the removal of desilication product before it becomes waste, and the area of bauxite beneficiation. The purpose of this session is to explore ongoing R&D in the context of this roadmap.

2001'S LARGEST SHOWCASE OF METALS AND MATERIALS PRODUCTS AND TECHNOLOGY

TMS Annual Meeting & Exhibition attendees are the leadership of the metallurgical engineering and materials science fields, and are the most qualified and influential decision-makers who will gather at any one event during 2001.



ATTENDEE PRIMARY ACTIVITY OF EMPLOYMENT

28%	MANAGEMENT AND SUPERVISION
15%	EDUCATOR
14%	BASIC RESEARCH
13%	APPLICATIONS/PRODUCT DEVELOPMENT
12%	CONSULTANTS
5%	PRODUCT ENGINEERING AND DESIGN
5%	MARKETING/SALES
3%	METALLURGICAL MATERIALS SELECTION
3%	QUALITY ENGINEERING
2%	PROCESS ENGINEERING

EVENT PROFILE

- 2001: An Odyssey of Materials in Space
- Adhesion between Solid Surfaces
- Alumina & Bauxite
- Aluminum in Building and Structural Design Applications
- Aluminum Joining—Emphasizing Laser and Friction Stir Welding
- Aluminum Reduction Technology
- Applications of Refractory Metals and Materials in the Processing Industries
- Automotive Alloys 2001
- Bauxite Residue Treatment: New Development
- Carbon Technology

The TMS Annual Meeting Exhibition is a unique opportunity to market comprehensively to more than 4,500 international management and research professionals from the metals and materials community; and offers an unparalleled number of qualified attendees, educational sessions, and return on investment.

TAKE A **LOOK** AT THE RECORD-BREAKING NUMBER OF PLANNED SYMPOSIA

- Cast Shop Technology
- Chemistry and Electrochemistry of Corrosion and Stress Corrosion
- Computational Thermodynamics and Materials Design
- Current Research and Practice in Metal Injection Molding
- Cyanide: Social, Industrial, and Economic Aspects
- Defect Properties and Mechanical Behavior of H.C.P. Metals and Alloys
- Electronic Structure and Alloy Properties—Hume Rothery Award
- General Abstract Sessions
- General Recycling
- Granulation of Molten Materials
- High Temperature Coatings-IV
- High Temperature Superconductors
- International Symposium on Deformation and Microstructure in Intermetallics
- International Symposium on Shape Casting of Aluminum: Science and Technology
- Lead-Free Solder Materials and Soldering Technologies
- Light Weight Alloys for Aerospace Applications
- Magnesium Technology 2001
- Materials Issues in Microelectronics
- Materials Processing Fundamentals
- Materials & Processes for Submicron Technology
- Modeling of High Temperature Alloys
- Properties of Nanocrystalline Materials
- Purification of Nonferrous Elements
- Reactive Metals—General Sessions
- Review and Optimization of Actual Copper Electrowinning Practice
- Sampling, Sensors & Control for High Temperature Metallurgical Processes
- Second Global Symposium on Innovations in Mat. Proc. & Manuf. of Sheet Materials
- Solution Concentration and Purification in Aqueous Processing
- Structural Biomaterials for the 21st Century
- Synthesis of Lightweight Metals IV
- Teaching and Learning Solid State Diffusion

THE ANNUAL MEETING **PACKAGE**

The event will feature technical symposia presenting the latest scientific and technical developments. Additionally, the meeting's award presentations, tutorial lectures, short courses, receptions, luncheons and plant tours combine to make a well-rounded meeting experience.



In today's **GLOBAL** economy, it is crucial to reach an international audience as quickly and efficiently as possible. The TMS Exhibition is an ideal venue to make world contacts and develop strong international business relationships in materials science and metallurgy. Attendees are drawn from North America, South America, Central America, Europe, the Middle East, Asia, and the Pacific Rim.

GENERAL INFORMATION

Show Dates and Hours

Monday, February 12, 2001 12:00 Noon–6:00 PM
Tuesday, February 13, 2001 9:30 AM–5:30 PM
Wednesday, February 14, 2001 9:30 AM–3:00 PM

Booth Reservation

May be obtained by completing the enclosed 2001 Space Reservation Form or accessing the application form via the Annual Meeting page at the TMS website <http://www.tms.org/Meetings/Annual-01/AnnMtg01Home.html>

Space Charges

\$18.50 per square foot throughout the Exhibition
until September 15, 2000

\$21.00 per square foot throughout the Exhibition
from September 15, 2000 through show dates.

Standard Booths are 10' x 10'. The minimum booth size is 10' X 10' (3.04m x 3.04m). Contact TMS to discuss creation of a booth size to fit your space requirements.

Included with Your Booth Rental

- Security throughout the show
(includes set-up, show hours and dismantle)
- 8 foot back drape and 3 foot side drape
- 44 inch sign identifying your company name and booth number
- Aisle carpet, maintenance, and cleaning.
- Comprehensive exhibitor's service manual
- Exposition management services—including frequent "Exhibitor Updates" to keep you informed of the latest deadlines and opportunities. TMS staff will assist you with pre-and post-Show information, cost control suggestions, and on-site liaisons.
- Hosted Welcoming Reception and Coffee Breaks in the Exhibit Hall

For space reservation, or to hold space on a tentative basis, act now to ensure your company the high visibility of a prime location.

2001 BONUS MARKETING OPPORTUNITIES

The following additional opportunities are made available to add to the value of your participation and increase your opportunities to reach an optimum number of customers and prospects. Remember, opportunities are limited and demand is high—secure the sponsorship that best fits your budget early.

Advertising

Discount advertising opportunities are available in the show issues of *JOM*, the Society journal, and on the conference website. <http://www.tms.org/Meetings/Annual-01/AnnMtg01Home.html>

An advertisement in the show issues of *JOM* will:

- Be seen by thousands of decision-makers and buyers
- Help you to pave the way for a successful show
- Expose your message to thousands of leading materials professionals who read *JOM* and may not be able to attend the exhibition.

Pre-Show Report + Updated Show Directory

The show guide—printed in the November issue of *JOM*, published on the TMS Annual Meeting & Exhibition website, and distributed as the Show Directory at the meeting—provides maximum exposure to prospects. The Web version features a free hypertext link to the Exhibitor's website.

Sponsorship

TMS offers a sponsorship package that will provide participating companies with a unique opportunity to present themselves as a true industry leader, while gaining a high level of visibility within the materials technology community.

This program incorporates value-added benefits that will allow sponsoring vendors to maximize the TMS promotional campaign before, during and after the event! Exhibiting firms have first option on sponsor opportunities at the Annual Meeting.

Admittance Coupons/Invitation

A \$35.00 value, these coupons can be distributed to your customers and prospects as an invitation for free access to the exhibit area.

Access to Lead Tracking Services at Show Site

Each attendee is supplied with a magnetic-strip lead retrieval card. Card reader systems are available for rental to all exhibiting companies to simplify lead recording, categorizing and tracking.

Pre-Registration List

Interested in promoting your participation to pre-registered attendees? The pre-registrants list can be provided electronically approximately one month prior to the Annual Meeting.

Post-Show Attendee List

A complete list of the 2001 attendees is provided to exhibitors electronically one month following the Annual Meeting.

Show Promotional Support

TMS strongly supports the 2001 Exhibition with a comprehensive marketing campaign which includes:

- Direct mail to targeted lists of industry leaders
- Industry specific advertising in important trade publications
- Public relations to generate press coverage
- Complete World Wide Web coverage via TMS OnLine and information listings on many related sites

You can **VIEW** proposed sponsorship opportunities on the TMS website

www.tms.org/Meetings/Annual-01/AnnMtg01Home.html

OR

Contact TMS to discuss a sponsorship tailored to fit your company's needs and budget.

NEW ORLEANS



New Orleans, most often known for its famous Mardi Gras celebration, features many other "just can't miss" attractions.

Whether you enjoy cheering at sporting events, browsing in eclectic shops, dining on culinary masterpieces, strolling through museums, or discovering the city's night life, New Orleans has a pastime to keep you entertained.

Football enthusiasts will enjoy a visit to the home of New Orleans's football team, The Saints. Their Louisiana Superdome can seat more than 50,000 people and often hosts national sports tournaments, concerts, and even parties.

If marathon shopping is more your style, plan a trip to the French Quarter which provides the perfect backdrop for a wonderful excursion. Its many antique shops, accent shops, and unique art galleries provide a variety of curiosities, making for an enjoyable stroll through the French Quarter—even if you don't purchase a thing! Not enough selection? Try any of the three shopping centers in the downtown area.

In addition to many wonderful stores, New Orleans proudly offers the Cabildo Museum—the landmark where the Louisiana Purchase was signed and the old US Mint Jazz Museum—the one place you can see Louis Armstrong's first horn. Take some time and visit any of the numerous, beautiful museums in New Orleans.



THINGS TO SEE AND DO



When a day full of activity works up your appetite, try some of Louisiana's famous and delicious Cajun and Creole dishes. The New Orleans dining experience is widely influenced by the city's historic European, Anglo, and African ancestry—introducing you to all flavors of the world. Every dish you try in New Orleans promises to be a gastronomical delight. Bon Appetite!

Conclude your busy day with live entertainment on Bourbon Street or on one of the Mississippi riverboats. To test your luck, you may want to visit Harrah's, the world's largest land-based casino, opening this fall.

All in all, the city has much more to offer than Mardi Gras. Come and join us in New Orleans as we prepare to provide critical information for surviving the 21st century.

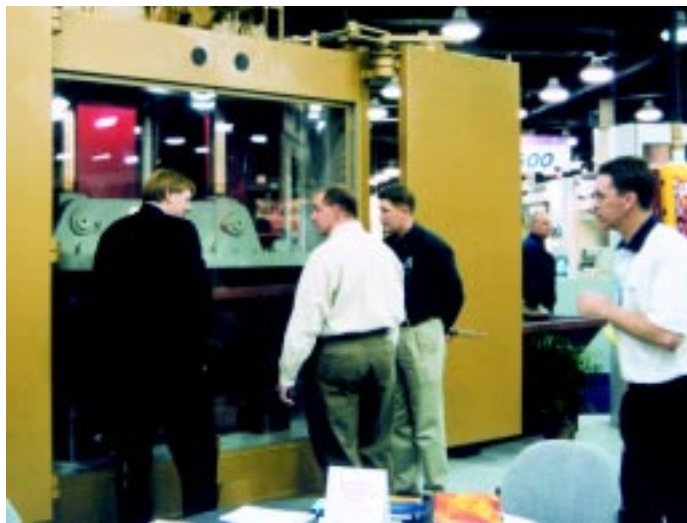


Please accept our invitation to join over 170 exhibiting organizations in New Orleans next February for the 2001 TMS Exhibition.



THE 2001 TMS EXHIBITION

An unequal opportunity to **MEET** customers and prospects in a context that is focused on network-building and problem-solving.



CONTACT Cindy A. Wilson at (724) 776-9000, extension 231 or e-mail: wilson@tms.org



THE MINERALS, METALS & MATERIALS SOCIETY (TMS) is a professional organization encompassing a wide range of materials and engineering, from minerals processing and primary metals production to basic research and the advanced applications of materials. Included among its nearly 10,000 professional and student members are metallurgical and materials engineers, scientists, researchers, educators, and administrators from more than 70 countries on six continents.