

MCS&T 2004



Where Theory Meets Application

MATERIALS SCIENCE & TECHNOLOGY 2004

SEPTEMBER 26-29, 2004
MARRIOTT NEW ORLEANS HOTEL
NEW ORLEANS, LOUISIANA



TMS

Co-organized by:
AIST (The Association for Iron & Steel Technology)
TMS (The Minerals, Metals & Materials Society)

EXHIBITION PROSPECTUS



Where theory meets application;
where scientists meet engineers;
where you meet clients.

AIST has joined TMS for a second year to bring the industry MS&T '04. This event is a series of multidisciplinary annual conferences held by and for professionals in the metals and materials community, embracing issues both practical and theoretical.

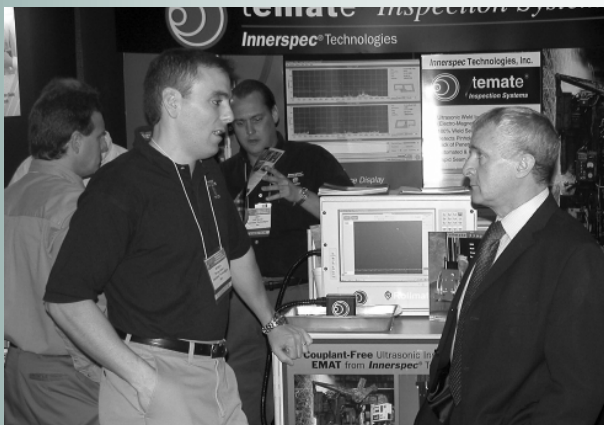
WHO SHOULD EXHIBIT

PLAN ON EXHIBITING IF YOUR COMPANY IS A SUPPLIER OF ANY OF THE FOLLOWING:

- > Basic research
- > Chemicals
- > Heat processing furnace and oven products
- > Instruments for in-situ dielectric analysis
- > Laboratory equipment
- > Lathes
- > Materials characterization
- > Mechanical testing
- > Metal forming process analysis
- > Niobium products
- > Phase transformation simulations
- > Publishers
- > Roll processing:
 - grinding machines
 - hardness testers
 - inspection system
 - production: forged and cast rolls
 - profile measuring equipment
 - surface Measurement
 - shop equipment
 - texturing
- > Software
 - engineering
 - materials science
 - modelling of materials properties
 - behaviour of complex alloys
 - prediction of phase equilibria
 - thermal analysis
- > Strand monitoring systems
- > Testing services:
 - eddy current
 - nondestructive testing
 - ultrasonic inspecting services
- > Thermal conductivity measurement
- > Thermal/mechanical systems for process simulation
- > Thermodynamic calculations and databases
- > Vanadium and other high-performance products
- > Microstructural homogeneity & causes

WHO ATTENDS

MS&T IS DESIGNED TO ATTRACT PARTICIPANTS FROM THE GLOBAL FERROUS, NONFERROUS, AND MATERIALS INDUSTRIES, TOGETHER WITH UNIVERSITY AND LABORATORY AFFILIATIONS.



The exhibition for MS&T '04 will bring the technical sessions to life with an outstanding display of practical, hands-on information. The exhibition will be visited by more than 700 decision-makers, seeking solutions to challenges in metals and materials, specifically in the following technologies:

- > Mechanical operation
- > Metals production
- > Modeling and characterization
- > Materials processing methodologies
- > Testing and analysis

THE PROGRAM

MS&T '04 offers participants a forum to present and discuss research, examine new products and services, exchange ideas, network with industry peers, and enjoy social functions. The Technical Program will focus on theoretical and practical concepts, ferrous and nonferrous technologies, advanced and fundamental applications, proposed and hands-on processing methodologies, and the present and future of metals and materials industries.

ABSTRACTS ARE CURRENTLY BEING ACCEPTED AND ORGANIZED FOR THE FOLLOWING TOPICS:

- > Advancements in Mechanical Property Characterization at the Micro- and Nano-Scale
- > Applications of Orientation Microscopy Techniques to Phase Transformations
- > Computational Microstructure Evolution in Steel
- > Continuous Casting Fundamentals
- > Development and Application of Hot Rolled Flat Products
- > Development and Application of Long Products and Forgings
- > Engineered Steel Surfaces
- > General Presentations on Steel and Steel Processing
- > High Strain Rate Deformation and Deformation Mechanisms of Structural Steels
- > Intellectual Property Fundamentals for Materials Scientists and Managers
- > Materials Damage Prognosis
- > Mechanical Behavior of Body-Centered-Cubic (BCC) Metals and Alloys
- > Microbiologically Influenced Corrosion
- > Microstructural Homogeneity & Causes of Variability
- > Modeling and Computer Applications in Metal Casting, Shaping & Forming Processes
- > Pb-Free and Pb-Bearing Solders
- > Precipitation in Steels - Physical Metallurgy and Property Development
- > Primary Operations and Product Quality
- > Process Modeling, Simulation, and Control of Long Products
- > Product Application and Development
- > Rhenium and Rhenium Containing Alloys
- > Roll Technology
- > Solidification Processing of Metal Matrix Composites
- > The Accelerated Implementation of Materials & Processes
- > The Effects of Microstructure and Property Homogeneity/Variability on Product Performance
- > Third International Symposium on Railroad Tank Cars
- > Titanium for Healthcare, Biomedical, and Dental Applications
- > Use of Bainitic and Bainitic-Martensitic Steels in Current or Developing Applications

A DETAILED LISTING OF MS&T '04 SYMPOSIA, AND SYMPOSIA DESCRIPTIONS, CAN BE FOUND ON THE TMS CONFERENCE MANAGEMENT SYSTEM (CMS) AT <http://cms.tms.org>.

EXHIBITION DETAILS

SPACE RENTAL CHARGES

\$11.00 per square foot
Single booths—10' X 10' \$1,100

SHOW DATES AND TIMES

Monday, September 27, 2004
9:30am-6:00pm
Tuesday, September 28, 2004
9:30am-3:30pm

Contact us to proceed with a space reservation

Cindy A Wilson
TMS Exhibits Coordinator
Phone: 724-776-9000 ext. 231
E-mail: wilson@tms.org

or

Gerry Kane
AIST Sales & Marketing Manager
Phone: 724-776-6040 ext. 639
E-mail: gkane@aist.org

SPACE RENTAL INCLUDES

- > Security throughout the show
- > Hosted reception and coffee breaks held in the Exhibit Hall
- > Event promotion in both the TMS *JOM* publication, and AIST's publication, *Iron & Steel Technology*
- > 8' high back drape and 3' high side drape
- > 44" sign identifying your company name and booth number
- > Aisle carpeting
- > Bonus priority points for prime space selection in the 2005 MS&T exhibit, combining TMS, AIST and ASM International programs
- > Comprehensive exhibitor services manual
- > A supply of complimentary show invitations—to invite customers and prospects
- > Listing in the Pre-show and On-site Show Directories
- > Hypertext link from the MS&T '04 website



or visit the MS&T details online at:
www.matscitech.org/

MS&T 2004

Make plans to reserve space for the MS&T '04 Exhibition, and find the pre-qualified audience you are looking for!

For more details on participating in the MS&T '04 event, visit <http://www.matscitech.org>.

To submit an abstract go to <http://cms.tms.org>

For general meeting information, contact info@matscitech.org

SPONSORSHIP OPPORTUNITIES

Partner with AIST and TMS by sponsoring a social event or other popular conference activity at MS&T '04. Sponsors receive enhanced corporate visibility, company exposure and positioning at the meeting.

Sponsorship opportunities include: Coffee Breaks, Exhibit receptions, Event signage, Attendee give-away, lanyards, Symposium Proceedings, etc.....tell us your ideas!

ADVERTISING

Reach and influence the audience of MS&T '04 with ads in *JOM* and *Iron & Steel Technology* magazines and in the MS&T '04 Conference Program.

Companies who are exhibiting and reserve ad space can take advantage of great package discounts. For more information on these discounts and to reserve your ad space contact:

Arlene Frances

Advertising Sale Representative

Phone: 724-776-9000 ext. 280

E-mail: afrances@tms.org

NEW ORLEANS

Step back in time and take a stroll in the French Quarter, Jackson Square, visit the plantations, or take a swamp tour. The architecture, cuisine, and ambiance of New Orleans are unsurpassed. There are more great restaurants in this city than there are hours of the day to eat. Two favorites are Cajun and Creole cooking.

When it comes to culture, New Orleans is a world all of its own. This cosmopolitan community is a blend of French, Spanish, Indian, Anglo and African heritages. Their influences are seen in architecture throughout the city or can be explored at one of the many museums.

Some of the oldest treasures of New Orleans are discovered in the French Quarter, a unique neighborhood of courtyard homes, shops and restaurants, all as special as the people who live there. Wandering cobblestone streets, wrought iron-laced balconies, street performers and live jazz bands. You'll also find unique art galleries, accent shops and three shopping centers downtown, steps away from the hotels.

PAST EXHIBITORS INCLUDE:

- > American Iron and Steel Institute
- > Butech
- > CANMET
- > Capco Machinery Systems, Inc.
- > Carbolite
- > Dynamic Systems Inc.
- > Herkules North America
- > Ingersoll GmbH
- > Innerspec Technologies
- > Lismar Engineering
- > Maney Publishing
- > Metallics Systems Co. LP
- > Netzch Instruments
- > Pomini
- > Proceq USA, Inc
- > Pro-Mic Corp
- > Reference Metals Co
- > Sarclad North America L.P.
- > Scientific Forming Technologies Corp.
- > Sente Software and ThermoTech Ltd
- > Sheffield Forgemasters Rolls Limited
- > SMS Demag
- > Stratcor Performance Materials
- > Superior Forge & Steel Corporation
- > Techint Technologies
- > Technical Weighing Services, Inc.
- > Teck Cominco Metals, Ltd.
- > Thermo-Calc Software
- > U.S. Department of Energy
- > Union Electric Steel/The Davy Roll Company
- > Unisorb Installation Technologies
- > United Foundries, Inc.
- > WMV Engineering

ABOUT AIST

AIST represents the combined strengths of the Iron & Steel Society and the Association of Iron and Steel Engineers. It was established to move forward with its mission to advance the technical development, production, processing and application of iron and steel. The organization has more than 20 chapters in North America and abroad, and 31 technical operating committees, promising members ample opportunity to network with local, national and international metals industry professionals on a regular basis.

ABOUT TMS

TMS (The Minerals, Metals & Materials Society) 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.

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