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FURTHER DETAILS

The conference will be held in Montréal, a cosmopolitan city of cultural diversity and witness to a long history of light metals. The cultural and industrial make-up of the region will offer a unique environment for this symposium. For a fuller appreciation of Montréal's cultural fabric, the participants are encouraged to visit the website: www.tourisme-montreal.org



For additional information on the International Symposium on Magnesium Technology in the Global Age, contact:

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Or consult:

www.metsoc.org
for regular updates

Pamphlet conceived
with the participation of **HATCH**

CALL FOR PAPERS SECOND CIRCULAR

International Symposium on Magnesium Technology in the Global Age



Montréal, Canada

October 1st to 4th, 2006

held in conjunction with COM 2006
(the 45th Conference of Metallurgists)

Organized by
**The Light Metals Section of the Metallurgical
Society of CIM
and The Magnesium Committee of TMS**



MAGNESIUM TECHNOLOGY IN THE GLOBAL AGE

Magnesium, with its high specific strength, is an important material for today's key industries, such as automotive, aerospace, and electronics. In the last century, the small scale of the industry has been an obstacle to the widespread use of magnesium especially in cost sensitive automotive applications.

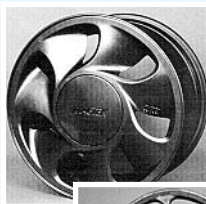


The global age of the 21st century is now offering a unique opportunity for magnesium to grow. Wider availability of the metal at a lower price than usual is leading to an increase in applications as well as the research effort in the field of magnesium.

Automotive companies such as General Motors (the largest user of magnesium in North America) have increased their research support for magnesium. European and other international car companies (BMW, DaimlerChrysler, Honda and others) have started adopting magnesium for critical applications such as cast engine blocks, transmission cases and oil pans.



Today, not only cast magnesium parts, but many magnesium wrought products are being considered for wider application. Magnesium sheet, hydroformed extrusions, and a variety of other magnesium products, whether semi-solid or forged, are being developed for automotive and other applications at an increasing rate.



In parallel to the industrial interest, growth in magnesium research and development, whether industrial or academic, is observed in all parts of the globe. This global research effort encompasses primary production, processing, materials development and engineering areas.

The International Symposium on Magnesium Technology in the Global Age under the sponsorship of CIM and TMS will bring the international industrial and research communities together in order to acknowledge the progress in the global R&D effort in 2006. The symposium will review the recent technological advances in the area of magnesium and its applications. In the land of the original Pidgeon process, magnesium companies and many magnesium projects, this Canadian conference will be a homecoming for the global magnesium.

DATE AND VENUE

The International Symposium on Magnesium Technology in the Global Age will be held from October 1st to 4th, 2006, at the Centre Sheraton Hotel in Montréal, Canada.



The symposium is being organized by the Light Metals Section of the Metallurgical Society of CIM and is co-sponsored by :

- Metallurgical Society of CIM (Canadian Institute of Mining, Metallurgy and Petroleum) and
- The Magnesium Committee of TMS (The Minerals, Metals and Materials Society)

THE PROCEEDINGS

The proceedings of the Symposium will be published in book form and will be available at the meeting. The proceedings and the Symposium will be in English. All papers will be refereed and edited prior to final acceptance and publication.

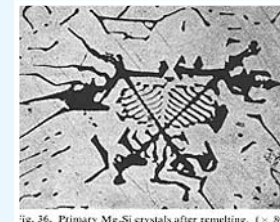


Fig. 36. Primary Mg₂Si crystals after remelting. (\times 800)

CALL FOR PAPERS

Papers related to magnesium technology are invited on the following topics:

- Magnesium primary production and market trends
- Magnesium casting and casting alloys
- Magnesium wrought alloys, deformation, forming
- Microstructural characterization
- Corrosion and corrosion protection of magnesium
- Joining technologies
- Advanced processes and materials
- Industrial applications

Abstracts (maximum 150 words) should be sent to M. O. Pekguleryuz at the address shown at the end of the brochure. All abstracts must be submitted before November 30th, 2005. Authors of accepted papers must submit complete manuscript before March 31st, 2006.

A SHORT COURSE on MAGNESIUM is also being considered.