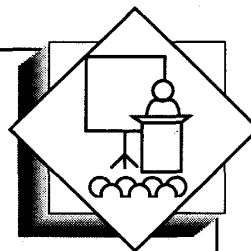


# CALL FOR PAPERS



Announcing a Major International Symposium on

## Low-Carbon Steels for the 90s

17-21 October, 1993

Pittsburgh, Pennsylvania

New technologies in the manufacturing and applications of low-carbon plate and sheet steels will be the focus of the International Symposium on Low-Carbon Steels for the 90s, to be held as part of the 1993 ASM/TMS Materials Week.

Low-carbon steels have been targeted as the steels of the 1990s because of their potential to meet the increasingly stringent demands of end users for higher performance steels. Attractive properties such as high toughness, good weldability, and formability may aid in lowering fabrication costs. New technologies and recent advances in manufacturing and applications will be addressed in a three-day program featuring:

- **Steelmaking**—Ladle metallurgy trends; processing toward cleanliness and composition control; and improvements and innovations in continuous casting, horizontal casting, thin-slab casting, and hot charging.
- **Alloy Design & Processing**—Effect of steel chemistry and thermomechanical processing on mechanical properties of low-carbon and interstitial-free steels; alloy design; controlled rolling; accelerated cooling; continuous annealing; and direct processing.
- **Fabrication Issues and Applications**—Welding characteristics, toughness, formability, structural applications, off-shore platforms and drilling, ship building, line pipe, and industrial machinery.

The abstract deadline is **October 2, 1992**. Technical inquiries should be directed to Riad I. Asfahani, symposium chair, USS Technical Center, 4000 Tech Center Drive, Monroeville, PA 15146, USA; telephone: 412/825-2081; fax: 412/825-2020. General inquiries should be directed to Marlene Karl, TMS, 420 Commonwealth Drive, Warrendale, PA 15086; telephone: 412/776-9042; or to Peg Weir, ASM International, Materials Park, OH 44073; telephone: 216/338-5151.



This symposium is sponsored by ASM International and The Minerals, Metals & Materials Society and is cosponsored by the TMS Structural Materials Division, the ASM Materials Science Division, and the ASM Pittsburgh Chapter.