



1992 TMS Extraction & Process Metallurgy Fall Meeting

**THE SAVARD/LEE  
INTERNATIONAL SYMPOSIUM  
ON BATH SMELTING**

October 18-21, 1992  
Radisson Gouverneurs Montreal  
Montreal, Canada

*Jointly organized by:*

**TMS**  
Minerals • Metals • Materials

The Minerals, Metals  
& Materials Society



The Iron and Steel Society



The Metallurgical Society  
of the Canadian Institute  
of Mining, Metallurgy & Petroleum

This international conference is intended to be the first in a series of symposia on bath smelting; it will honor the significant technological achievements of Guy Savard and Robert Lee. Most important of these is the shrouded tuyere which sparked the development of bottom-injection processes and the transformation of the steel industry — akin to Bessemer's great achievement in the last century. Although at an earlier stage in its application, the shrouded tuyere is key to the development of new nonferrous processes as well, like the QSL process for lead production.

The technical program will focus on bath smelting in both the ferrous and nonferrous industries. Papers have been invited from internationally recognized experts on the development of bath smelting processes, operating at either the pilot plant or commercial scale, and on the fundamentals underpinning the processes. The fundamentals include gas and solids injection, fluid flow, mixing, accretion formation, thermochemistry, reaction kinetics, and process modeling.

**Session topics:**

- An Overview of Bath Smelting
- Innovative Bath Smelting Processes
- Bath Smelting Fundamentals
- Mechanisms and Models in Bath Smelting
- Injection into Baths
- Emerging Bath Smelting Processes

**The following societies are participating as cooperating organizations and are helping to promote this international event:**

- Mining and Materials Processing Institute of Japan
- Korean Institute of Metals and Materials
- Iron and Steel Institute of Japan
- Australasian Institute of Mining and Metallurgy
- Japan Institute of Metals
- Société Française de Métallurgie et de Matériaux
- Institute of Materials (London)
- IMM—Institution of Mining and Metallurgy

**For more information on the  
Savard/Lee International Symposium  
on Bath Smelting,  
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