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TMS2019
148th Annual Meeting & Exhibition

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March 10–14, 2019
San Antonio, Texas, USA

JOIN US FOR THIS TMS2019 SYMPOSIUM:

MATERIALS PROCESSING

Freeze Linings: Myth and Reality

The symposium will be a forum for industry and researchers, providing an opportunity to describe advances in all aspects of furnace lining lifetime improvements. The aim of the meeting is to identify ways to enhance overall process economics and safety through shared technological approaches and best-practice examples. The organizers solicit papers from authors who are engaged in the analysis, development, and/or operation of high-temperature processes that involve the production and treatment of metals, alloys, ceramic, and other resource materials.

Papers that describe innovative methods for achieving refractory lining lifetime enhancement and increased operational safety by slag engineering and freeze lining application, as well as the use of safety instrumented systems are particularly welcome. Also of interest are papers on the interactions of refractory materials with complex ores and melts, thermodynamic and modeling approaches, refractory design developments, material characterization as well as economic and environmental issues associated with refractory recycling methods.

ORGANIZERS

Juergen Schmidl, RHI Magnesita, Austria
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Gerardo Alvear, Glencore Technology, Australia
Peter Charles Hayes, University of Queensland, Australia
Mark W. Kennedy, Proval Partners SA, Norway
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Camilo Perez, RHI US Ltd, USA
Stefan Luidold, University of Leoben, Austria

Nearly 4,000 presentations are planned
at more than 80 symposia at TMS2019.

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