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FEBRUARY 27-MARCH 3, 2022
ANAHEIM CONVENTION CENTER & ANAHEIM MARRIOTT
ANAHEIM, CALIFORNIA, USA
#TMSAnnualMeeting

SUBMIT AN ABSTRACT FOR THE FOLLOWING TMS2022 SYMPOSIUM:

ADVANCED MATERIALS

Refractory Metals

This symposium provides a forum for the presentation of fundamental research advances and technological progress in the understanding, processing, and applications of refractory metals. Refractory metals are defined as those metallic elements with melting temperatures more than 2123 K (1850°C). Refractory metals are of technological importance for their resistance to extreme high temperatures and extreme environments.

Research of interest includes alloy development, microstructure evolution, and correlations with properties, both experimental and theoretical. Technological advances in processing of refractory metals and their alloys and applications in energy generation, nuclear fusion, transportation, space, and other sectors are likewise of interest. New developments of interest include composite materials based on refractory metals, such as silicide alloys or composites between refractory and non-refractory metals, and other related alloy systems. Processing methodologies and techniques involving welding, brazing and powder metallurgy are also of interest. Presentations that communicate results from academia, national laboratories, and industry are welcomed.

ORGANIZERS

Eric M. Taleff, University of Texas at Austin

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SYMPOSIUM SPONSORS

TMS Refractory Metals Committee

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QUESTIONS?
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