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TMS 2020

149th Annual Meeting & Exhibition

February 23-27, 2020 • San Diego, California, USA



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Advanced Materials

Refractory Metals 2020

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 in excess of 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, transportation, and other sectors are likewise of interest. New developments of interest include composite materials based on refractory metals, such as silicide alloys, 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. Presentations by students are highly encouraged.

ORGANIZERS

Eric Taleff, University of Texas at Austin, USA

Gary Rozak, H.C. Starck Inc., USA

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TMS Refractory Metals Committee

Abstract Deadline is July 1, 2019. Submit online at
www.programmaster.org/TMS2020.

Questions?
Contact programming@tms.org