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TMS2024
153rd Annual Meeting & Exhibition

MARCH 3–7, 2024
HYATT REGENCY ORLANDO
ORLANDO, FLORIDA, USA
#TMSAnnualMeeting



SUBMIT AN ABSTRACT FOR THE FOLLOWING TMS2024 SYMPOSIUM:

MATERIALS DEGRADATION AND DEGRADATION BY DESIGN

Advances in the State-of-the-Art of High Temperature Alloys

High temperature alloys continue to play a vital role in the transportation and energy industries. While both sectors look to improve the system efficiency by raising the maximum temperature the alloys can withstand, the transportation industry is also focused on lightweighting. In recent years we have seen advances in a number of different alloy systems.

This symposium aims at providing a setting for researchers from academia, government, and industry to discuss recent advances in the understanding of various mechanisms that influence the strength, service life, and environmental resistance of high temperature alloys, including but not limited to Co-based superalloys, multi-principal element alloys, and refractory systems.

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