

THE WORLD COMES HERE.
TMS2024
153rd Annual Meeting & Exhibition

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



SUBMIT AN ABSTRACT FOR THE FOLLOWING TMS2024 SYMPOSIUM:

LIGHT METALS

**AN ATOMS TO AUTOS APPROACH
FOR MATERIALS INNOVATIONS
FOR LIGHTWEIGHTING:
AN LMD SYMPOSIUM IN HONOR
OF ANIL K. SACHDEV**



This symposium will focus on how microstructure can be engineered to address challenges related to lightweight product design and manufacturing. The talks will thread multi length scale aspects of the microstructure starting from the atomic scale including aspects of computational thermodynamics in materials design and processing including aspects of plasticity and phase transformations in manufacturing. In addition to traditional materials and processes, the symposium will also discuss future metals technologies including lithium metal processing for high energy batteries and additive manufacturing for product design flexibility.

ORGANIZERS

Alan Luo, Ohio State University, USA
Michele Manuel, University of Florida, USA
Yue Qi, Brown University, USA

SYMPOSIUM SPONSORS

TMS Light Metals Division
TMS Magnesium Committee

www.tms.org/TMS2024

QUESTIONS?
Contact programming@tms.org