



**SUBMIT AN ABSTRACT BY JULY 1**

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

**SUBMIT AN ABSTRACT FOR THE FOLLOWING TMS2022 SYMPOSIUM:**

## **ADDITIVE TECHNOLOGIES**

### **Powder Materials Processing and Fundamental Understanding**

Powder materials synthesis, processing, properties, characterization, and fundamental understanding are part of the science and technology underlying numerous important areas. With new advances in experimental techniques, computation methods, and data sciences, powder materials are making fast advances that enable applications in both structural and functional applications.

This symposium will cover powder material issues related to fundamental and applied sciences in synthesis, processing, properties, and characterization from experimental, computation, and data science approaches. It will consider all aspects of powder material processing and property studies, which includes powder synthesis, forming (including additive manufacturing), sintering, and property evaluation.

Powder materials that can deliver outstanding harsh environment properties are especially of high interest. The symposium covers advances in theory, modeling, computation, data informatics while in parallel welcoming cutting-edge experimental techniques and approaches to understand and characterize powder materials in demanding conditions.

#### **ORGANIZERS**

**Kathy Lu**, Virginia Polytechnic Institute and State University

**Eugene A. Olevsky**, San Diego State University

**Hang Yu**, Virginia Polytechnic Institute and State University

**Ruigang Wang**, The University of Alabama

**Isabella J. Van Rooyen**, Idaho National Laboratory

#### **SYMPOSIUM SPONSORS**

TMS Powder Materials Committee

[www.tms.org/TMS2022](http://www.tms.org/TMS2022)

**QUESTIONS?**  
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