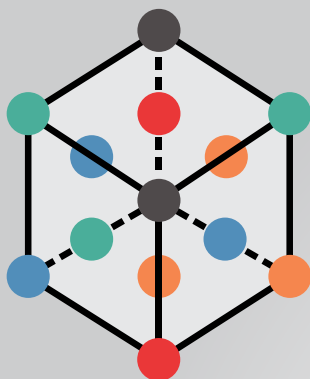


CALL FOR ABSTRACTS

SUBMISSION DEADLINE: APRIL 16, 2021



2nd WORLD CONGRESS ON HIGH ENTROPY ALLOYS HEA2021

www.tms.org/HEA2021

The 2nd World Congress on High Entropy Alloys (HEA 2021) is a cross-disciplinary technical forum designed to share the latest research advances in single-phase and multi-phase metallic, intermetallic, and ceramic high entropy materials for functional or structural applications. HEA 2021 will feature highly focused technical talks on topics that include, but are not limited to, fundamental theory of alloy design, computational modeling and simulation, properties, processing, and applications of high entropy alloys.

Topics planned for HEA 2021 include, but are not limited to:

Design & Processing:

- Computational modeling towards compositional screening and design
- Fundamental theory of HEA
- HEA thin films, coatings
- High entropy ceramics
- High-throughput experimental methods for compositional screening
- Lightweight HEAs, Refractory HEAs
- Processing of HEAs
- Upscaling, application domains

Characterization & Properties:

- Computational modeling of HEA mechanical response
- Environmental resistance
- Fracture, fatigue, hydrogen embrittlement in HEAs
- Functional properties
- High temperature mechanical response, creep
- Irradiation resistance
- Mechanical properties of HEAs
- New characterization techniques for HEAs

Submit Your Abstract by April 16, 2021 to www.tms.org/HEA2021

**November
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