CALL FOR ABSTRACTS
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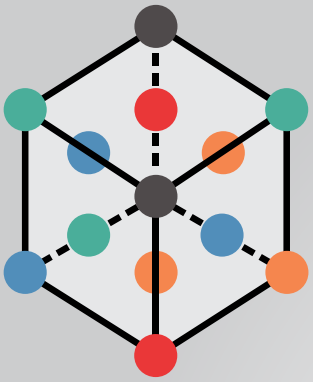

2nd WORLD CONGRESS ON
HIGH ENTROPY ALLOYS
HEA 2021

www.tms.org/HEA2021

December 5-8, 2021

Hilton Charlotte University Place, Charlotte, North Carolina, USA

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
- Fundamental theory of HEA
- HEA thin films, coatings
- High entropy ceramics
- Lightweight HEAs, Refractory HEAs
- Processing of HEAs
- Upscaling, application domains

Characterization & Properties:
- Computational modeling of HEA properties
- Environmental resistance
- Fracture, fatigue, hydrogen embrittlement in HEAs
- Functional properties
- High temperature mechanical response, creep
- High-throughput experimental methods
- Irradiation resistance
- Mechanical properties of HEAs
- New characterization techniques for HEAs

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

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