



CALL FOR PAPERS

ICHEAA 2020
Mar 12-13, 2020
Miami, USA

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICHEAA 2020 : International Conference on High-Entropy Alloys and Applications is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of High-Entropy Alloys and Applications. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

High-entropy alloys
Phase selection in high-entropy alloys
Alloy design in the twenty-first century
Synthesis and processing of high-entropy alloys
Microstructures and properties of high-entropy alloys
Alloy design strategies and future trends in high-entropy alloys
High-entropy alloy solid solutions
Intermetallics, interstitial compounds and metallic glasses in high-entropy alloys
Structural and functional properties of high-entropy alloys
Applications and future directions
Phase formation rules

Physical metallurgy
Advanced characterization techniques
Fabrication routes
Prediction of structure and phase transformations
Applications of special quasi-random structures to high-entropy alloys
Design of high-entropy alloys
Modeling of high-entropy alloys
High-entropy metallic glasses
High-entropy coatings
Potential applications and prospects