

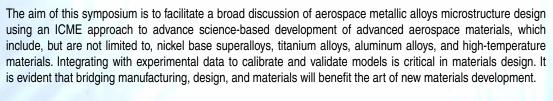
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Connecting the global minerals, metals, and materials community.

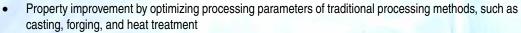


Plan Now to Attend:

High-Performance Aerospace Alloys Design using ICME Approach



We are seeking abstracts in the following general topic areas:



- Validation and verification of processing and property prediction models using experimental data
- Data management, materials informatics
- Uncertainty quantification and uncertainty propagation
- Development of new or advanced high-performance materials, creative processing methods or novel structural materials including nickel-base superalloys, titanium and aluminum alloys
- Microstructure/topography enhancement guided by models
- Improved performance through introduction of anisotropic properties of ordered microstructure
- Concept design of new functional high-performance metallic materials
- Multi-scale modeling and development of computational tools for the prediction of properties and for microstructure sensitive design



Sponsored by:

- TMS Materials Processing & Manufacturing Division
- Integrated Computational Materials Engineering Committee

Organized by:

Awadh Pandey, Pratt & Whitney (USA) Somnath Ghosh, John Hopkins University Dongsheng Li, Pratt & Whitney



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Questions? Contact programming@tms.org