

March 15-19, 2015 • Walt Disney World Orlando, Florida, USA

Connecting the global minerals, metals, and materials community.



Plan Now to Attend:

Advances in Solidification of Metallic Alloys under External Fields



This symposium will provide a platform for the worldwide researchers in the field of solidification science and engineers in the casting and metal processing industry to present the very recent advances concerning the fundamental and applied research on novel solidification and metal processing technologies using external field methods and their applications in industry. For example, the improvement of quality, microstructure and properties of aluminium, magnesium alloys, steel and many other advanced metallic alloys and composites through the applications of electro-magnetic field, ultrasonic waves, mechanical vibrations, etc.

Research topics will cover, but are not limited to, modelling, real-time, in-situ studies using X-ray, neutron and proton beams, experimental studies and physical simulations, and industrial applications.

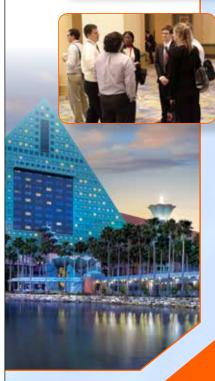


- TMS Light Metals Division; TMS Materials Processing & Manufacturing Division
- Aluminum Committee; Solidification Committee



Jiawei Mi, University of Hull (United Kingdom) Dmitry Eskin, Brunel University (United Kingdom)





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