TMS2015

144th Annual Meeting & Exhibition
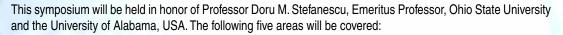
March 15-19, 2015 • Walt Disney World Orlando, Florida, USA

Connecting the global minerals, metals, and materials community.

Plan Now to Attend:

Advances in the Science and Engineering of Casting Solidification: An MPMD Symposium Honoring Doru Michael Stefanescu

This symposium will be held in honor of Professor Doru M. Stefanescu, Emeritus Professor, Ohio State University and the University of Alabama, USA. The following five areas will be covered:

1) Solidification processing: theoretical and experimental investigations of solidification processes including castings solidification, directional solidification of alloys, electromagnetic stirring, ultrasonic cavitation, mechanical vibration, active cooling and heating, powder bed-electron beam melting additive manufacturing, etc. for processing of metals, polymers and composite materials
2) Solidification modeling: theoretical and experimental studies related to microstructure evolution of materials including particle pushing/engulfment aspects
3) Novel casting and molding processes: modeling and experimental aspects (including high pressure die casting, permanent casting, centrifugal casting, low pressure casting, 3D mold printing, etc.)
4) Cast iron: all aspects related to cast iron characterization, computational and analytical modeling, and processing
5) Nano-manufacturing of materials: theoretical and experimental investigations related to processing, characterization, and modeling of nano-composite materials

Sponsored by:
- TMS Materials Processing & Manufacturing Division
- Solidification Committee

Organized by:
Laurentiu Nastac, The University of Alabama (USA)
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Roxana Ruxanda, Emerson Electric Co. (USA)
Adrian Catalina, Caterpillar Inc. (USA)
Alan Luo, The Ohio State University (USA)

For more information on how to participate, visit:

www.tms.org/TMS2015

Questions? Contact *programming@tms.org*