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TMS2019
 148th Annual Meeting & Exhibition

CALL FOR ABSTRACTS

March 10–14, 2019
 San Antonio, Texas, USA

SUBMIT AN ABSTRACT TO:

LIGHT METALS

Solidification Processing of Light Metals and Alloys: An MPMD Symposium in Honor of David St John

The major theme in Prof. David St John's career was the study of phase transformations, particularly solidification phenomena. Of particular focus was light metal alloys: aluminum alloys, magnesium alloys and, more recently, titanium alloys. His most recognized and awarded contribution has been in nucleation and grain refinement, but he has made contributions to a wide range of solidification problems including defect formation, melt treatment, and casting alloy design.

To cover the main themes of his research career, sessions will cover the following topics:

- Nucleation and grain refinement of light alloys
- Eutectic and peritectic solidification
- Defect formation in castings: porosity and hot tearing
- Solidification under external fields;
- Magnesium casting and alloys
- Aluminium casting and alloys,
- Solidification during additive manufacturing
- Approaches to collaborative research

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Abstract Deadline is July 1, 2018.
 Submit online at www.programmaster.org/TMS2019

Questions?
 Contact programming@tms.org