

**TMS2016**  
145<sup>th</sup> Annual Meeting & Exhibition

FEBRUARY 14-18 DOWNTOWN NASHVILLE,  
TENNESSEE MUSIC CITY CENTER

Connecting the Global Minerals, Metals, and Materials Community.



## Frontiers in Solidification: An MPMD Symposium in Honor of Michel Rappaz

This symposium follows the well-established symposium series Frontiers in Solidification. It is intended to present the latest results of modeling of solidification microstructures such as solid-liquid interfaces and their anisotropies, nucleation phenomena, morphological instabilities, dendrites, eutectics, peritectics, fluid flow effects, segregation and defects. The main objective of this symposium is to present research results from the interface between phenomena at different length scales (atomistic, microscopic, macroscopic), and from theoretical physics to industrial solutions, all using various theoretical approaches. In order to verify the results of the models, quantitative experiments are essential and will represent an important part of the presentations.

**Organizers include:**

**Wilfried Kurz**, Swiss Federal Institute of Technology (Switzerland)

**Jon Dantzig**, École Polytechnique Fédérale de Lausanne (Switzerland) and University of Illinois (USA)

**Alain Karma**, Northeastern University (USA)

**Jeffrey Hoyt**, McMaster University (Canada)

Learn More

at [www.tms.org/TMS2016](http://www.tms.org/TMS2016)