

**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.



## Hume-Rothery Award Symposium: Thermodynamics of Materials

This symposium will be held in honor of the 2016 Hume-Rothery award recipient, Brent Fultz, in recognition of his groundbreaking contributions to the thermodynamics of materials. The goal of the symposium is to assess the current state of the art in the thermodynamics of materials by bringing together experimental and computational researchers. The awardee's interests are reflected by a special emphasis on entropy, phase stability, thermodynamic property measurements, neutron and x-ray scattering (inelastic, but also elastic), and computation (e.g. Density Functional Theory (DFT), DFT+U, ab initio molecular dynamics simulations, etc.). The symposium will combine invited and contributed presentations.

**Organizers include:**

Ursula Kattner, National Institute of Standards and Technology (USA)

Michael E. Manley, Oak Ridge National Laboratory (USA)

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