

TMS2016
145th Annual Meeting & Exhibition

FEBRUARY 14-18 DOWNTOWN NASHVILLE,
TENNESSEE MUSIC CITY CENTER

Connecting the Global Minerals, Metals, and Materials Community.



Bulk Processing of Nanostructured Powders and Nanopowders by Consolidation

In recent years, the synthesis of nanopowders and processing of bulk materials by consolidation have attracted broad attention, due to the great potential applications of near net shape components with nanostructures with improved mechanical and other functional properties.

The goal of this symposium is to provide a forum for scientists, engineers, researchers, and graduate students to present and discuss their updated research findings, technology developments, and commercialization efforts. It is also a platform for the international research community in this field to discuss the future directions for research, development, and technology commercialization.

Session topics will include:

- Preparation of nanopowders
- Preparation of nanostructured powders
- Bulk processing of nanopowders
- Bulk materials process by consolidation
- Measurement of nanoparticles and nanopowders
- Bulk processing evaluation

Organizers include:

Deliang Zhang, Shanghai Jiao Tong University (China)

Bowen Li, Michigan Technological University (USA)

Stephen Mashl, Michigan Technological University (USA)

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