

TMS2016
145th Annual Meeting & Exhibition

FEBRUARY 14-18 DOWNTOWN NASHVILLE,
TENNESSEE MUSIC CITY CENTER

Connecting the Global Minerals, Metals, and Materials Community.



Advanced Materials in Dental and Orthopedic Applications

The focus of this symposium is on materials for dental and orthopedic applications, including emerging metals, ceramics, polymers, composites, and adhesives. Next-generation biomedical materials are expected to revolutionize the future of restorative dentistry and orthopedics. This symposium provides an opportunity for the medical and dental communities to be exposed to new materials and implant technologies.

Materials researchers and engineers will be able to learn about the clinical applications of orthopedic/dental materials and the patient needs from medical and dental research community perspectives.

In particular, we encourage researchers to submit abstracts within any of the following themes of this symposium:

- Biofabrication, additive manufacturing, and 3D printing in orthopedics and craniofacial reconstruction
- Synthesis and characterization of novel biomaterials for prosthodontics and orthopedics
- The interface between orthopedic/dental materials and living cells and tissue
- Corrosion and tribocorrosion behavior of orthopedic/dental materials
- Mechanical behavior of orthopedic/dental materials
- Results of clinical evaluations of new orthopedic/dental materials

Organizers include:

Tolou Shokuhfar, Michigan Technological University (USA)

Luis Rocha, UNESP, Univ. Estadual Paulista, Faculdade de Ciências (Brazil)

Grant Crawford, South Dakota School of Mines and Technology (USA)

Terry Lowe, Colorado School of Mines (USA)

Ana Ribeiro, National Institute of Metrology Quality and Technology (Brazil)
and others

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at www.tms.org/TMS2016