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**TMS2019**  
148<sup>th</sup> Annual Meeting & Exhibition

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

**JOIN US FOR THIS TMS2019 SYMPOSIUM:**

**MATERIALS DESIGN**

**Modeling and Simulation of Composite Materials**

Computational methods are employed to investigate the response of composite materials under different loading and environmental conditions. Progresses in micro- and nano-scale composites have resulted in developing a number of computational methods to address various length-scale phenomena in composites.

This symposium will highlight modeling and simulation currently used in advancing the understanding of the complex interactions and structure-property relationship in composite materials by:

- ab-initio methods
- Atomistic methods
- Mesoscale simulations
- Finite element methods
- Multi-scale modeling

**ORGANIZERS**

**Rakesh K. Behera**, New York University, USA

**Dinesh Pinisetty**, California State University Maritime Academy, USA

**Dung Dinh Luong**, New York University, USA

Nearly 4,000 presentations are planned  
at more than 80 symposia at TMS2019.

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today to register and book housing.