

TMS2018
147th Annual Meeting & Exhibition



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MEETING PREVIEW

MARCH 11—MARCH 15, 2018

PHOENIX, ARIZONA, USA



WWW.TMS.ORG/TMS2018



CO-LOCATED WITH TMS2018



The 2nd International Conference on Computational Design and Simulation of Materials (CDSM 2018)

TMS and the Chinese Society of Metals (CSM) will build on the success of the inaugural CDSM meeting that the two societies convened in Shenyang, Liaoning, China, in 2015.

The Call for Abstracts for CDSM 2018 and TMS2017 will open concurrently in May, with all abstracts accepted through ProgramMaster. CDSM 2018 technical topics include:

Atomistic Simulations

This symposium will focus on simulation approaches, tools, and materials properties at the atomistic scale and will include presentations on state-of-the-art capabilities, challenges, and future directions. Predictions of properties at both zero Kelvin and finite temperatures are of interest.

Meso/Macroscale Simulations

Microstructural attributes to processing and property modeling of materials play a central role in materials design and multi-scale modeling. Their quantification and insertion into models are highly desirable. This symposium seeks to advance progress in this area through discussion of topics at scales above atoms, with a particular interest in integration of scales.

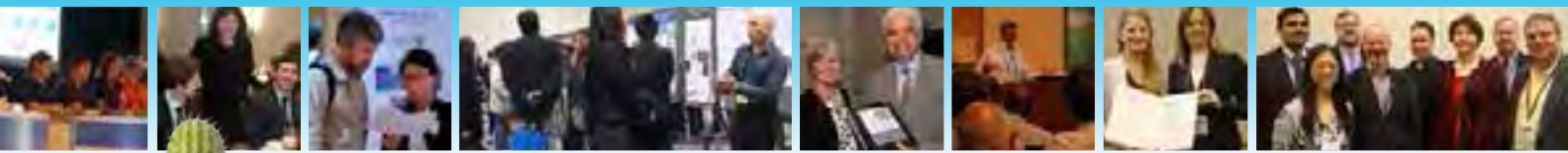
Computational Design of Materials

Optimal and robust design of materials involves selection of chemistry and processing for desired microstructure and targeted properties. In addition to tools and databases, uncertainty quantification is central for broad acceptance—a topic of particular interest for this symposium.

All technical programming for CDSM 2018 is included with your TMS2018 registration.

Visit www.tms.org/TMS2018 for news and details.

March 11-March 15, 2018 • Phoenix, Arizona, USA



TMS2018 HIGHLIGHTS



TMS

The Minerals, Metals & Materials Society

FEMS

Federation of European Materials Societies

A New International Engagement Opportunity

A selection of new symposia, organized by the Federation of European Materials Societies (FEMS) and TMS, will explore science and technologies with a particular focus on developments in Europe. Specific topics will be announced when the TMS2018 Call for Abstracts opens in May.

All-Meeting Plenary Returns

“Global Trends in Industrial Innovation” is the theme for the TMS2018 all-meeting plenary, featuring a roster of world-class speakers from around the world.

Plan Now for Four Full Days of Programming

TMS2018 will officially kick off on Sunday, March 2, with a full slate of events, including professional development courses and workshops, an array of networking opportunities, and of course, the all-meeting plenary. High-quality programming and special events continue through Thursday evening, making TMS2018 a comprehensive meeting experience that you will not want to miss.

Stay Informed of New Developments

Planning is underway for a variety of new and enhanced features and activities for TMS2018. Check www.tms.org/TMS2018 regularly for news and updates.





DATES TO REMEMBER

SYMPOSIUM PROPOSALS DUE: **MARCH 17, 2017**



CALL FOR ABSTRACTS OPENS: **MAY 2017**



REGISTRATION AND HOUSING OPENS: **OCTOBER 2017**



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