

CDSM 2018

COMPUTATIONAL DESIGN AND SIMULATION OF MATERIALS



TMS 2018

147th Annual Meeting & Exhibition

March 11 – 15, 2018

Phoenix, Arizona

Don't miss your opportunity to present your work at the 2nd International Conference on Computational Design and Simulation of Materials (CDSM 2018). Organized jointly by TMS and the Chinese Society for Metals (CSM), CDSM 2018 offers a complete meeting-within-a-meeting experience, focused on computational simulation and modeling to accelerate materials discovery and design.

CDSM2018: ATOMISTIC SIMULATIONS

Submit Your Abstract at tms.org/CDSM2018

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.

Specific topic areas for abstract submissions include (but are not limited to):

- Density functional theory (DFT) for strongly correlated systems
- Recent advances in quantum/classic molecular dynamics simulations
- Electronic and magnetic properties from first-principle calculations
- Properties at finite temperatures from first-principle calculations
- Defects in materials
- Interface structure and properties
- Molecular dynamics simulations

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