



# ADDITIVE MANUFACTURING BENCHMARKS

**June 18-21, 2018 | [www.tms.org/AMBench2018](http://www.tms.org/AMBench2018)**

National Institute of Standards and Technology (NIST) Headquarters  
Gaithersburg, Maryland, USA

## SYMPOSIUM ABSTRACT SUBMISSION DEADLINE: MARCH 1, 2018

Additive Manufacturing Benchmarks 2018 (AM-Bench 2018) is the first in a series of events focused on validating and improving the accuracy of model predictions and developing universally accepted quantitative measurement approaches for all additive manufacturing (AM) materials and methods.

**Present** your latest work as part of the **AM-Bench 2018 Benchmark Measurement and Modeling Symposium** that examines quantitative measurements, state-of-the-art models, end user modeling needs, and future directions. Specific topics include:

- Quantitative measurements and characterization
- State-of-the-art models
- End user modeling needs
- AM benchmark needs and directions

**SUBMIT YOUR SYMPOSIUM ABSTRACT  
BY MARCH 1, 2018:  
[www.tms.org/AMBench2018](http://www.tms.org/AMBench2018)**

### BENCHMARK CHALLENGES TO BE ANNOUNCED: FEBRUARY 19, 2018

The AM-Bench 2018 organizers are developing a continuing series of controlled benchmark tests that will enable modelers to test their simulations against rigorous, highly controlled additive manufacturing benchmark test data.

**Plan now to participate** in the AM-Bench 2018 benchmark tests. Visit [www.tms.org/AMBench2018](http://www.tms.org/AMBench2018) for preliminary information and watch for the announcement of benchmark test details on February 19, 2018.

### SPONSORS

AM-Bench 2018 is sponsored by the TMS Additive Manufacturing Committee, Process Technology and Modeling Committee, and Integrated Computational Materials Engineering Committee, in collaboration with the National Institute of Standards and Technology (NIST), the Naval Research Laboratory (NRL), and the Army Research Laboratory (ARL).

### ORGANIZING COMMITTEE

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Brandon Lane, NIST  
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### PLEASE TAKE NOTE:

The AM-Bench 2018 Benchmark Measurement and Modeling Symposium showcases technical presentations (oral and poster) only. Responses to benchmark challenges will be solicited separately from February 19 through May 18, 2018.