



ADDITIVE MANUFACTURING BENCHMARKS

June 18–21, 2018 | www.tms.org/AMBench2018

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

REGISTRATION IS NOW OPEN!
DISCOUNT REGISTRATION DEADLINE: MAY 25, 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.

Participate in the first series of benchmark challenges, encompassing both metals and polymers:

- The **metals** benchmark tests include data from highly controlled scenarios: (1) a simple build geometry using laser powder bed AM and two different materials systems; and (2) individual laser traces on bare metal alloy plates, for multiple power and speed settings.
- The **polymers** test data includes simple build geometries using materials extrusion and selective laser sintering technologies with well characterized starting materials and online sensors.

Detailed data and information on how to participate in the benchmark challenges are available at www.nist.gov/ambench.

KEY DATES TO REMEMBER:

Benchmark Results Deadline:

May 18, 2018

**Discount Registration Deadline
and Housing Deadline:**

May 25, 2018

Conference Dates:

June 18–21, 2018

ORGANIZING COMMITTEE

Co-Chairs:

Brandon Lane, NIST

Lyle Levine, NIST

Members:

Richard Fonda, NRL

Jarred Heigel, NIST

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LEARN MORE AND REGISTER TO ATTEND AT:
www.tms.org/AMBench2018