AM BENCH 2022

ADDITIVE MANUFACTURING BENCHMARKS

August 15-18, 2022 | Hyatt Regency Bethesda
Bethesda, Maryland, USA

REGISTER AND RESERVE YOUR HOTEL ROOM TODAY!

Building on the successful model of the AM-Bench 2018 conference, the AM-Bench 2022 conference is intended to be the home for presenting the results from a continuing series of highly-controlled and extensive benchmark tests, as well as results from modelers who have compared their simulations against the AM-Bench measurement results. Separate from the benchmark tests, the conference will also include technical sessions with a focus on additive manufacturing (AM) modeling, measurement, and characterization.

TECHNICAL AREAS

- Quantitative Measurements and Characterization
- State-of-the-art Models and Future Directions
- End-user Modeling Needs
- AM Benchmark Needs and Directions
- Qualification and Certification of AM Components
- Other

BENCHMARK STUDIES

The conference attendees will present detailed benchmark test measurement results, simulation results with comparison to the corresponding benchmark test measurements, and general-purpose talks relating to the benchmark tests and corresponding simulations.

Access the benchmark challenges on the NIST AM-Bench website at

AM-BENCH 2022 SPONSORS

AM-Bench 2022 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 National Aeronautics and Space Administration (NASA) – Langley, and the Air Force Research Laboratory (AFRL).

Everyone in AM modelling, simulation, and supporting measures is welcome, even if you have not submitted work.

IMPORTANT DATES

April 2022
Benchmarks Announced

July 15, 2022
All Challenge Problem Submissions Due

June 28, 2022
Discount Registration Deadline

July 22, 2022
Housing Deadline

ORGANIZING COMMITTEE

CO-CHAIRS:

Brandon Lane, NIST

Lyle Levine, NIST

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Register to attend at www.tms.org/AMBench2022