

# Digital Manufacturing Workshop

hosted by

Oak Ridge National Laboratory

*Save the Date!*

Please plan to attend the U.S. Department of Energy's workshop on the Future of the Digital Thread in U.S. Manufacturing. The virtual workshop will be hosted by DOE's Manufacturing Demonstration Facility at Oak Ridge National Laboratory on July 29–30, 2021.

The following topics will be highlighted as part of the workshop:

1. Digital manufacturing architecture and infrastructure design and execution
2. Grassroots models for initiation and growth of the digital thread for small and medium-sized enterprises
3. Introduce the Manufacturing Demonstration Facility's current state of digital manufacturing technology
4. Collaborative research opportunities in digital manufacturing

The workshop begins at 9:00 am on July 29 with a review of the current status of the digital thread in manufacturing systems from leading experts in the field. These updates will be followed by a virtual tour of the Manufacturing Demonstration Facility providing insight into currently available capabilities. Breakout sessions will be used to identify critical needs for technology readiness level 1–6 work necessary to advance the state-of-the-art for the digital thread in manufacturing. The workshop will end at 4:00 pm on July 30 with the development of potential directions for research to address the identified needs.

Sincerely,  
Tom Kurfess, Chief Manufacturing Officer



**JULY 2021**

**29-30**

**VIRTUAL  
WORKSHOP**