

## AM Research at Oak Ridge National Lab

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Oak Ridge National Laboratory's (ORNL's) Manufacturing Demonstration Facility (MDF) is world-renown for innovations in advancing additive manufacturing (AM) through scaleup and other demonstrations.

The MDF pioneered large-scale plastic AM technology known as "BAAM" (Big Area Additive Manufacturing), was the first to develop microstructure control with powder bed fusion of metals, and has also contributed to numerous advancements in materials development across multiple AM platforms. This talk will discuss the transformational technologies developed at the MDF along with current challenges and innovations being pursued.