

America Makes and Status of Research in Multi-Functional Printing

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Abstract

Additive manufacturing, also called 3D printing, has captured worldwide attention. Many believe that it is introducing the next industrial revolution because of its impact on product innovation and its unique manufacturing capabilities. America Makes, the National Additive Manufacturing Innovation Institute is the first Manufacturing Innovation Institute established as part of a National Network for Manufacturing Innovation. Dr. Eric MacDonald, Associate Director of the W. M. Keck Center for 3D Innovation, The University of Texas at El Paso (UTEP) will give an overview of additive manufacturing, and will discuss America Makes' actions to accelerate the use of additive manufacturing technologies in the United States and increase our nation's global manufacturing competitiveness. He will also provide highlights of the Multi3D Manufacturing project on-going at UTEP.