LIVE WEBCAST SERIES

The Advanced Manufacturing Laboratory at Lawrence Livermore National Laboratory is a facility geared for aggressive R&D among LLNL, industrial, and academic partners. Over a dozen ventures are now underway at the AML, and their progress is astounding.

We invite you to a series of presentations spotlighting the various AML partnerships. Join us monthly to keep abreast of new discoveries and perhaps stimulate breakthroughs of your own.

Hosted by **AML**
Lawrence Livermore National Laboratory

Ibo Matthews
Group Leader, Laser Material Interaction Science at Lawrence Livermore National Laboratory

Brent Brunell
Director, Additive Technologies, GE Research

Session 1 DECEMBER 10, 2020 @ 1:00 PM

INTELLIGENT FEED FORWARD: QUALIFYING ADDITIVELY-MANUFACTURED PARTS DURING THE BUILD PROCESS
Partners: General Electric and Lawrence Livermore National Laboratory

Since the dawn of additive manufacturing, the idea that AM parts could be "born qualified" has excited researchers. A born-qualified part would be inspected and tested as it's being built—and when completed, be ready for use without further testing. LLNL and GE have partnered to reach this goal through in-process inspection and flaw mitigation. In this session, representatives describe their achievements to date and the anticipated influence of their findings on the commercial machines and manufacturing of the future.