



# Additive Manufacturing and 3D Printing Forum: An Aerospace Perspective and Beyond



**Sponsored by Northeast Ohio Additive Manufacturing Cluster**

**Hosted by Ohio Aerospace Institute**

*The goal of this Forum is to showcase success stories and compelling reasons for implementing additive manufacturing from tooling to final parts and certifications. The presenters and panel sessions will provide the details of how they overcame the hurdles for AM produced parts while also explaining how second and third tier suppliers can become AM part fabricators.*

**8:00AM      Exhibitor Set-up / Registration & Continental Breakfast**

**9:00AM      Welcome Remarks**

**Dr. Andrew Gyekenyesi, Associate Chief Scientist/Manager: Turbomachinery and Propulsion Systems, Ohio Aerospace Institute &**

**Tim Fahey, Vice President, Team NEO**

**9:15AM      OEM Advanced Programs and Technology / Military Propulsion and Power**

**Dr. Kirk Rogers, GE Technology Leader, Center for Additive Technology Advancement &**

**Mike Peretti, Director, Materials & Manufacturing Advanced Programs  
GE Aviation, Military Propulsion & Power Engineering**

**10:00AM      Demonstrating the Advantage of AM for Air Force Maintenance and Sustainment**

**Brian Rice, Division Head, Multi-Scale Composites & Polymers, and Distinguished Research Engineer University of Dayton Research Institute &**

**Brett Conner, Associate Professor of Manufacturing Engineering  
Director, Advanced Manufacturing Research Center, Youngstown State University**

**10:45AM      Opportunities for Additive Manufacturing in Aerospace I**

**Lloyd Fields, CEO, Bastech**

**John Frazier, Vice President Sales, DRT**

**Clark Patterson, Special Operations Manager, Additive Engineering Solutions**

**Brandon Lamoncha, Sales Manager/ Director of 3D Printing, Humtown Products**

**Mike Garvey, President, M-7 Technologies**

**Rich Lonardo, Consultant, Youngstown Business Incubator**

**Jeff Lietze, President, Next Step Ideas, LLC**

**11:45AM FASTLANE – Growth Solutions for Additive Manufacturers and Those Preparing to Enter the Arena**

**Philip A. Ratermann, Director of FASTLANE, University of Dayton Research Institute**

**12:15PM Networking Lunch – Presenting Tiffany Westbay, America Makes Membership Director**

**Special Guest: Tim Sweeney, Director, Advanced Manufacturing and Aerospace Jobs Ohio & Matthew Tomsheck, Expedited Airworthiness Services**

**1:45PM Verification and Validation of Fused Deposition Modeling (FDM) for Aerospace: Update on a B-Basis Allowable for printed ULTEM 9085"**

**Dr. Tracy Albers, President and CTO, RP +M**

**2:15PM NASA Glenn Research Center's Approach to Additive**

**Robert Carter, Acting Chief - High Temperature and Smart Alloys Branch (LMA), NASA Glenn Research Center**

**2:30PM From Risky Missions and Mars Rovers – Engaged Leadership Panel**

**Moderators: Dr. Andrew Gyekenyesi & Tim Fahey**

**Panelists Include:**

**Dave Pierson, MAGNET**

**Augustin Huret, Mondobrain Augmented Intelligence**

**Matthew Tomsheck, Expedited Airworthiness Services**

**Dr. Tracy Albers, RP +M**

**Philip Ratermann, FASTLANE**

**3:30PM ASM International Sponsored Reception**