

SME and the NDIA Manufacturing Division Technology Committee
Technology Interchange Symposium

University of Alabama Huntsville
Shelby Center Room 109
301 Sparkman Dr NW
Huntsville, AL 35899

Wednesday, May 22, 2019:

8:00 – 9:00	Registration and Networking Breakfast	
9:00 – 9:15	Welcome & Introductions	Mr. Gary Fleegle, Manufacturing Division Vice-Chair
9:15 – 9:45	Automated 3D Fiber Layup Concepts	Mr. John Melilli, President, Composite Automation
9:45 – 10:45	Merging Business Process Evolution with Industry 4.0	Mr. James Crean, President, Crean & Associates
10:45 – 11:00	Break	
11:00 – 11:30	Advances in Layup of Thermoplastic Composites	Vele Samak, Vice President, Mikrosam
11:30-12:00	Blockchain and the digital Thread Tracking Your Digital Supply Chain	Mr. Joe Inkenbrandt, CEO Identify3D
12:00 – 1:00	Networking Lunch	
1:00 - 2:00	Leveraging AR + 3D Data Analytics to Improve Airframe Mfg & MRO Processes	Sam Kellet, President & CEO United Sciences, LLC; James Lee, Global Head of Sales for Glass, Google; Mike Whittier, Senior Sales Director, Upskill
2:00 – 2:30	Preparing Aerospace & Defense for Industrial Revolution 4.0 with 3D Printing	Mr. Shane M. Fox, CEO and Co-Founder Link3D
2:30-2:45	Break	
2:45 – 3:15	Leveraging the Commercial Industrial Base For Defense	TBD Spirit AeroSystems
3:15-3:45	Reducing Mfg Costs by Implementing New High-Speed NDT for In-Process QC/QA	Mr. Jeff Peebles, President and Co-founder MWI Laboratories
3:45-4:15	Government Speaker	
4:15-4:45	Government Speaker	
4:45-5:00	Wrap up/Discussion	Mr. Gary Fleegle, Mfg Division Vice-Chair

Thank you to our Hosting Sponsor UAH

Thursday, May 23, 2019:

8:00 – 9:00	Registration and Networking Breakfast	
9:00 – 9:15	Welcome & Day 1 Review	Mr. Gary Fleegle, Manufacturing Division Vice-Chair
9:15 – 9:45	In-Process Monitoring for Directed Energy Deposition with Laser	Ms. Melanie Lang, Managing Director, Formalloy Additive Manufacturing Technologies
9:45 – 10:15	Automating the Digital Thread for Aerospace Assembly	Mr. Tyler Rup, Senior Applications Engineer Lockheed Martin Aeronautics
10:15 – 11:00	Break	
11:00 – 11:30	Government Speaker	
11:30 – 12:00	Government Speaker	
12:00	Closing Remarks	Mr. Gary Fleegle, Mfg Division Vice-Chair
12:00-1:00	Lunch on your own	
1:00-4:00	NDIA Manufacturing Division Technical Committee Meeting at Raytheon (NDIA Members Only)	

As of April 26, 2019