

# METAL ADDITIVE MANUFACTURING

June 20, 2019

8 a.m. - 4 p.m.

Towson University at  
Northeastern Maryland  
510 Thomas Run Road  
Bel Air, MD 21015

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## Symposium Agenda

**0745 Exhibit Hall and Coffee**

**0830 Opening Remarks**

**0900 Keynote**

**0930 Morning Breakout Session 1**

Material Design Allowable Property Development of AlSi10Mg  
Kevin Chasse, Daniel Urban, & Roddy Rodriguez, Northrop Grumman

Leveraging the Freedom of AM through Design Optimization  
Professor James K. Guest, Johns Hopkins University

Metal printing equipment and applications  
Lester Hitch, EOS

Advanced Manufacturing, Materials, and Processes Program Overview  
Cosima Boswell-Koller, National Center for Manufacturing Sciences  
Joseph South, Army Research Laboratory

**1010 Morning Breakout Session 2**

Development of Army Relevant Metal AM Feedstocks  
Brandon McWilliams, PhD, Army Research Lab

Model-Based Enterprise and Additive Manufacturing: Is it really that unique? Paul Witherell, National Institute of Standards and Technology

Metal printing equipment and applications  
Lester Hitch, EOS

Production Insertion Lessons Learned of AM Applications at NGMS  
Roddy Rodriguez, Northrop Grumman Mission Systems  
Kevin Chasse, Northrop Grumman Mission Systems

**1050 Morning Breakout Session 3**

Effects of Atomization Gas on 17-4 PH Stainless Steel Build Properties  
Frank Kellogg, SURVICE Engineering

Not Just for Qualification: Applications of X-Ray CT Scanning in Metal Additive Manufacturing Research & Development  
Christopher Peitsch, Johns Hopkins Applied Physics Lab

Metal printing equipment and applications  
Jim Snodgrass, CIMQUEST

Building a Workforce: Metal Manufacturing Skills and Competencies Invited

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## Symposium Agenda, cont'd

### 1130 Lunch and Networking in Exhibit Hall

### 1230 General Session

### 1310 Afternoon Breakout Session 1

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MELD Technologies  
TBD

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### 1430 Afternoon Breakout Session 3

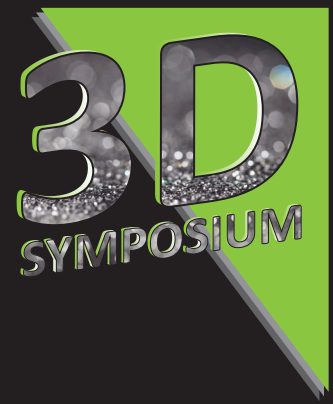
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MELD Technology  
TBD

Building a Workforce: Metal Manufacturing Skills and Competencies  
TBD

### 1510 Wine Down Happy Hour and Networking



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