## DAY 01 - TUESDAY, OCTOBER 20

### TIME (CT) | SESSION & SPEAKER
---|---
11:00am - 11:15am | OPENING CEREMONIES

**LELAND MELVIN**
Former NASA Astronaut and NFL Wide Receiver

**PETER ZELINSKI**
Editor-in-Chief of Modern Machine Shop, Editor-in-Chief of Additive Manufacturing Magazine, and Co-Host of The Cool Parts Show

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### TIME (ET) | SESSION & SPEAKER
---|---
2:00pm - 3:00pm | MATERIALS HURDLES

**TECHNICAL CHALLENGE**

**LILY ARCUSA**
Chief Technology Officer, Rapid Sustainment Office

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### TIME (CT) | SESSION & SPEAKER
---|---
3:30pm - 4:00pm | MANUFACTURING SPOTLIGHT - YOUNGSTOWN, OH

**REP. TIM RYAN**
U.S. Representative, 13th District of Ohio, House Manufacturing Caucus

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### TIME (ET) | SESSION & SPEAKER
---|---
3:00pm - 4:00pm | USAF LABS TECHNOLOGY DEVELOPMENT

**MODERATOR - LILY ARCUSA**
Chief Technology Officer, Rapid Sustainment Office

**DR. THOMAS BRODERICK**
Principal Materials Engineer/AFRL

**NIHAD ALFAYSALE**
Robotics Lead/AFRL

**DR. DAN BERRICAN**
Digital Manufacturing Research Team Lead/AFRL

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### TIME (CT) | SESSION & SPEAKER
---|---
4:00pm - 5:00pm | BOX OF PARTS TECHNICAL CHALLENGE

**LELAND MELVIN**
Former NASA Astronaut and NFL Wide Receiver

**PETER ZELINSKI**
Editor-in-Chief of Modern Machine Shop, Editor-in-Chief of Additive Manufacturing Magazine, and Co-Host of The Cool Parts Show

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### TIME (ET) | SESSION & SPEAKER
---|---
5:00pm | CLOSING REMARKS

**LELAND MELVIN**
Former NASA Astronaut and NFL Wide Receiver

**PETER ZELINSKI**
Editor-in-Chief of Modern Machine Shop, Editor-in-Chief of Additive Manufacturing Magazine, and Co-Host of The Cool Parts Show
## EVENT AGENDA

### DAY 02 - WEDNESDAY, OCTOBER 21

<table>
<thead>
<tr>
<th>TIME (ET)</th>
<th>SESSION &amp; SPEAKER</th>
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</thead>
<tbody>
<tr>
<td>11:00AM - 11:20AM</td>
<td>OPENING REMARKS</td>
<td>3:00PM - 4:00PM</td>
<td>OPEN SOURCE DESIGN IN ADVANCED MANUFACTURING</td>
</tr>
<tr>
<td>LELAND MELVIN</td>
<td>TODD GRIMM</td>
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</tr>
<tr>
<td>Former NASA Astronaut and NFL Wide Receiver</td>
<td>President, T.A. Grimm &amp; Associates</td>
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<tr>
<td>PETER ZELINSKI</td>
<td>DIGITAL TRANSFORMATION IN AM</td>
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<tr>
<td>Editor-in-Chief of Modern Machine Shop, Editor-in-Chief of Additive Manufacturing Magazine, and Co-Host of The Cool Parts Show</td>
<td>BENNY BULLER</td>
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<tr>
<td>ROLE OF THE INDUSTRIAL BASE</td>
<td>AM SPECIFIC SUPPLY CHAINS</td>
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<tr>
<td>GEN CHARLES Q. BROWN, JR.</td>
<td>MODERATOR - JOHN WILCZYNSKI</td>
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<tr>
<td>Chief of Staff of the Air Force</td>
<td>Executive Director, America Makes</td>
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</tr>
<tr>
<td>11:20AM - 11:40AM</td>
<td>BUILDING THE WORKFORCE OF THE FUTURE</td>
<td>4:45PM - 5:45PM</td>
<td>PIONEERING PRINTERS</td>
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<tr>
<td>SEBASTIAN THRUN</td>
<td>MODERATOR - DR. BRANDON RIBIC</td>
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<tr>
<td>Founder, Google X and Chairman/Co-founder, Udacity</td>
<td>Technology Director, America Makes</td>
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<tr>
<td>11:45AM - 12:05PM</td>
<td>TECHNICAL DATA PACKAGE RELAY CHALLENGE</td>
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<td>BENNY BULLER</td>
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<td></td>
<td>CEO, VELO3D</td>
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<tr>
<td>1:00PM - 2:00PM</td>
<td>FROM CONCEPT TO CAR</td>
<td>4:00PM - 5:00PM</td>
<td>DMITRI JULIUS</td>
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<tr>
<td>MARK BRINGLE</td>
<td>VP of Operations, ICON</td>
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<tr>
<td>Technical Sponsorship and Marketing Director, Joe Gibbs Racing</td>
<td>COLLIN BORING</td>
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<td>CTO, Rugged3D</td>
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<tr>
<td>2:30PM - 3:30PM</td>
<td>PROPELLING NASCAR WITH ADVANCED MANUFACTURING</td>
<td>5:00PM</td>
<td>CLOSING REMARKS</td>
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<tr>
<td>BRAD KESIELOWSKI</td>
<td>LELAND MELVIN</td>
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<td></td>
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<tr>
<td>NASCAR Cup Series Driver and Founder, Kesielowski Advanced Manufacturing</td>
<td>Former NASA Astronaut and NFL Wide Receiver</td>
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<tr>
<td>LT GEN SHAUN MORRIS</td>
<td>PETER ZELINSKI</td>
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<tr>
<td>Commander, Air Force Life Cycle Management Center Program Executive Officer, Rapid Sustainment Office</td>
<td>Editor-in-Chief of Modern Machine Shop, Editor-in-Chief of Additive Manufacturing Magazine, and Co-Host of The Cool Parts Show</td>
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<tr>
<td>11:00AM - 11:45AM</td>
<td>OPENING REMARKS</td>
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</table>
| LELAND MELVIN
Former NASA Astronaut and NFL Wide Receiver |
| PETER ZELINSKI
Editor-in-Chief of Modern Machine Shop, Editor-in-Chief of Additive Manufacturing Magazine, and Co-Host of The Cool Parts Show |
| 11:45AM - 12:00PM | 100 YEAR STARSHIP PROGRAM |
| DR. MAE JEMISON
Engineer, Physician, and former NASA astronaut |
| 11:45AM - 12:00PM | C-17 DESIGN OF THE DAY UPDATE, PRINTER SHOOT-OUT VOTING |
| LELAND MELVIN
Former NASA Astronaut and NFL Wide Receiver |
| PETER ZELINSKI
Editor-in-Chief of Modern Machine Shop, Editor-in-Chief of Additive Manufacturing Magazine, and Co-Host of The Cool Parts Show |
| 12:00PM - 1:15PM | ALTERNATE INDUSTRY SUCCESS WITH ADVANCED MANUFACTURING |
| MODERATOR - ASHLEY TOTIN
Project Engineer, America Makes |
| HAROLD SEARS
Additive Manufacturing Technical Leader, Ford Motor Company |
| SCOTT VOLK
Innovation & Strategy/Business Development, Keesal Keyes |
| 12:00PM - 1:15PM | COLD SPRAY - COPPER COATINGS ON AM PARTS |
| BRUCE COLTER
Vice President & General Manager - The Americas Region, SPEED3D |
| 12:00PM - 1:15PM | WOMEN IN MANUFACTURING & TECHNOLOGY |
| MODERATOR - ANGELA TYNOFICHUK
SES, Deputy Assistant Secretary of the Air Force for Logistics and Product Support |
| DR. MAE JEMISON
Engineer, Physician, and former NASA astronaut |
| DARNELLE COSTELLO
SES, Principal Deputy Assistant Secretary of the Air Force for Acquisition, Technology & Logistics |
| 1:45PM - 2:30PM | LEVERAGING TECHNOLOGY INNOVATION IN SPACE ACQUISITION |
| LT GEN DUKE RICHARDSON
Military Deputy, Office of the Assistant Secretary of the Air Force for Acquisition, Technology, and Logistics |
| 2:30PM - 3:30PM | MANUFACTURING TECHNOLOGY & SPACE |
| BRIG GEN D. JASON COTHERN
Vice Commander, Space and Missile Systems Center, USAF |
| 3:00PM - 4:00PM | SUPPLY CHAIN MARATHON TECHNICAL CHALLENGE |
| 4:00PM - 5:00PM | CYBERSECURITY IN ADVANCED MANUFACTURING |
| GEN KEITH ALEXANDER (RET)
CEO & President, IronNet Cybersecurity, Amazon Board |
| DR. GEORGE DUCHAK
SES, CTO, Defense Logistics Agency |
| 4:00PM - 5:00PM | PRINTER SHOOTOUT ANNOUNCEMENT |
| LELAND MELVIN
Former NASA Astronaut and NFL Wide Receiver |
| PETER ZELINSKI
Editor-in-Chief of Modern Machine Shop, Editor-in-Chief of Additive Manufacturing Magazine, and Co-Host of The Cool Parts Show |
| 5:00PM | CLOSING REMARKS |
| LELAND MELVIN
Former NASA Astronaut and NFL Wide Receiver |
| PETER ZELINSKI
Editor-in-Chief of Modern Machine Shop, Editor-in-Chief of Additive Manufacturing Magazine, and Co-Host of The Cool Parts Show |
## EVENT AGENDA

### DAY 04 - FRIDAY, OCTOBER 23

<table>
<thead>
<tr>
<th>TIME (ET)</th>
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<tbody>
<tr>
<td>11:00AM -</td>
<td>OPENING REMARKS</td>
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</tbody>
</table>
| 11:30AM  | LELAND MELVIN  
Former NASA Astronaut and NFL Wide Receiver                                    |
|           | PETER ZELINSKI  
Editor-in-Chief of Modern Machine Shop, Editor-in-Chief of Additive Manufacturing  |
|           | Magazine, and Co-Host of The Cool Parts Show                                       |
| 11:00AM - | AM STORYTELLERS                                                                  |
| 11:30AM  | MATTHEW HARVEY  
CLAYTON ELLIOT  
JASON MANN  
JEFFREY BRUNS  
TSGT MARCH TIGHE  
Sgt MAXIMILION ESTRADA |
| 1:30PM -  | AMO WEEK'S SUMMARY                                                              |
| 1:40PM   | LELAND MELVIN  
Former NASA Astronaut and NFL Wide Receiver                                    |
|           | PETER ZELINSKI  
Editor-in-Chief of Modern Machine Shop, Editor-in-Chief of Additive Manufacturing  |
|           | Magazine, and Co-Host of The Cool Parts Show                                       |
| 1:40PM   | CLOSING CEREMONIES                                                              |
|           | DR. WILL ROPER  
Assistant Secretary of the Air Force for Acquisition, Technology and Logistics   |