

## DAY 1 - NOVEMBER 16, 2023

12:00 pm – 2:00 pm	Registration/Check-in – Celeste Hotel, Orlando, FL (4105 N Alafaya Trail, Orlando, FL 32826)
2:00 pm – 4:45 pm	Tour: Siemens Energy Innovation Center UCF Advanced Materials and Additive Manufacturing Facility
5:00 pm – 7:00 pm	Reception, Celeste Hotel Technical Poster Session (R&D from University and Industry)

## DAY 2 - NOVEMBER 17, 2023

7:30 am – 8:30 am	<b>Continental Breakfast and Registration</b>
8:30 am – 9:00 am	<b>Welcoming Remarks and Introduction</b> <ul style="list-style-type: none"> <li>Central Florida Welcome: Yongho Sohn, UCF PI</li> <li>AM Forward Welcome, Neal Orringer, CEO, ASTRO America</li> <li>Florida Welcome: Donnie Casey, Manufacturers Association of Central Florida</li> <li>Welcoming address; Alexander Cartwright, UCF President</li> </ul>
9:00 am – 9:30 am	<b>Plenary I: Industry Keynote</b> Frank St. John, Chief Operating Officer, Lockheed Martin
9:30 am – 9:50 am	<b>Plenary II: Industry Keynote</b> Rich Voorberg, President, Siemens Energy North America
9:50 am – 10:10 am	<b>Plenary III: NSF Engine Development Grant and Panama City Workshop Summary</b> <ul style="list-style-type: none"> <li>Neal Orringer, CEO, ASTRO America</li> <li>Farrukh Alvi, Florida State University PI</li> </ul>
10:10 am – 12:30 pm	<b>Morning Moderated Discovery Sessions: (45 minutes each)</b> <ul style="list-style-type: none"> <li><b>1A: <u>Use Inspired Research (UIR) and Translation Innovation to Production (TIP): Barriers to the use of advanced and additive manufacturing technologies and processes in production will be identified and solutions discussed. Use-inspired research that is required and paths to implementation will be identified.</u></b> <ul style="list-style-type: none"> <li><b>Moderator:</b> Yongho Sohn, UCF, PI</li> <li><b>Panelist 1:</b> Ahmad Elshennawy, UCF</li> <li><b>Panelist 2:</b> Brian Mathews, ADDiTEC</li> <li><b>Panelist 3:</b> Ramesh Subramanian, Siemens Energy</li> </ul> </li> <li><b>1B: <u>Market &amp; Supply Chain Requirements: The markets for additive manufactured components will be examined. The needs of current and future manufacturers of all sizes serving the broader market will be identified. Approaches to building highly efficient supply chains will be critically reviewed. In the first session the “Market” will be discussed and defined by the panel composed of major domestic aerospace and defense suppliers and integrators.</u></b> <ul style="list-style-type: none"> <li><b>Moderator:</b> Jason Gorey, Astro America</li> <li><b>Panelist 1:</b> Jesse Boyer, Pratt &amp; Whitney</li> <li><b>Panelist 2:</b> Andrew Medla, Siemens Energy</li> <li><b>Panelist 3:</b> Brian Rosenberger, Lockheed Martin</li> <li><b>Panelist 4:</b> Cory Cunningham, Boeing</li> </ul> </li> </ul>

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## DAY 2 - NOVEMBER 17, 2023

10:10 am - 12:30 pm **Morning Moderated Discovery Sessions (Continued):**

- **1C: Market & Supply Chain Requirements:** *The markets for additive manufactured components will be examined. The needs of current and future manufacturers of all sizes serving the broader market will be identified. Approaches to building highly efficient supply chains will be critically reviewed. The "Supply Chain" will be emphasized in the second session, with participation from regional mid to small manufacturers.*
  - Moderator: Neal Orringer, CEO, ASTRO America
  - Panelist 1: Christina Kurth, VP of Sales, Sintavia
  - Panelist 2: Dale Meskimen, Valiant Industries
  - Panelist 3: Mark Saberton, CEO, ADDMAN Engineering

12:30 pm - 1:15 pm **Lunch and Plenary IV: University Keynote**

Michael Georgiopoulos, Dean, College of Engineering and Computer Science, University of Central Florida

1:15 pm - 1:45 pm **Panel Discussion - Regional Initiatives**

- Moderator: Beth Cicchetti, Florida Economic Development Council
- Panelist 1: Tracy Garcia, Senior Director, Economic Development, Orlando Economic Partnership
- Panelist 2: Heather Shubirg, Chief Growth Officer, Metro Ocala Chamber & Economic Partnership
- Panelist 3: Alex Price, Director of Business Development, Central Florida Development Council

1:45 pm - 4:00 pm **Afternoon Moderated Discovery Sessions: (45 minute sessions)**

- **2A: Workforce Needs - Training, Resources & Approach:** *Workforce attributes and skill sets needed to power the manufacturing sector will be examined. Potential teaching methods and sources of information and training approaches will be discussed. Emphasis will be placed on regional and local needs, which will also have national impact.*
  - Moderator: Joe Veranese VP and CIO, NCDMM
  - Panelist 1: Ali Gordon, UCF College of Engineering
  - Panelist 2: Nilda Blanco, Sr. VP of Workforce Operations, CareerSource Central Florida
  - Panelist 3: Alexander Baldwin, Daytona State College
  - Panelist 4: Melissa Dagley, UCF Initiatives in STEM
- **2B: Regional Ecosystem: Resources and Focus:** *The strengths and weaknesses of the three unique regions and local areas will be considered, and potential strategies for growth examined. Measures to overcome barriers and shortcomings will be proposed. An effective, coherent approach to nurture entrepreneurship and job creation will be a key focus.*
  - Moderator: Michael Aller; Supply Chain; FloridaMakes
  - Panelist 1: Donnie Casey, Manufacturers Association of Central Florida
  - Panelist 2: RADM (ret) Paul Sohl, CEO, Florida High Tech Corridor
  - Panelist 3: Sherri Monroe, Executive Director, Additive Manufacturer Green Trade Association
  - Panelist 4: Eunice Choi, Regional Director, Florida SBDC at the University of Central Florida

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### Afternoon Moderated Discovery Sessions:

- **2C: Opportunity for All: Manufacturing variability and the available regional workforce will be assessed. The session will seek to identify the primary reasons for this variance and explore concrete ways to enhance success across all categories of participants. Methods to meet the needs of the differing regions and areas, especially those with the current least manufacturing success, will be identified and detailed. Ensuring all voices from greater Florida spanning all socio-economic groups, will be a key objective.**
  - **Moderator:** Katie Bassinger, University of Florida
  - **Panelist 1:** Ahmed Kamel, Siemens Energy
  - **Panelist 2:** Albert Manero, Limbitless-Solutions

4:00 pm – 4:15 pm **Plenary V:** State Representative David Smith, Orange County (invited)

4:15 pm – 4:30 pm **Plenary VI:** State Senator Rachel Placon, (Seminole County)

### 4:30 pm – 5:00 pm **Closing Remarks – Next Steps**

- Yongho Sohn, UCF PI for NSF Engines Development Grant
- Neal Orringer, President ASTRO America (introduces Agarwal)
- Agarwal, FIU PI for NSF Engines Development Grant

**Workshop #3, Miami, FL January 25-26, 2024**