



**America Makes & ANSI Additive Manufacturing Standardization Collaborative (AMSC)  
Third Plenary Meeting – Launch of Phase 2**

**REVISED DRAFT AGENDA**

September 7, 2017, 9:00 am – 5:00 pm EDT

Penn State at The Philadelphia Navy Yard

4960 South 12<sup>th</sup> Street, Penn State Building 661, Symposium Room, Philadelphia, PA

Webex Phone-In: **1-866-469-3239** Call-in toll-free number (US/Canada)

Meeting number (access code): 737 288 334; Meeting password: 2XyBR4Wm

Meeting link: <https://goansi.webex.com/goansi/j.php?MTID=m4f1ae05f37dac913f5557a4f3d5cc3e9>

**Note: remote participation will be available for the general sessions only, NOT the breakout groups. In person attendance is strongly encouraged.**

*In February 2017, the AMSC published a [Standardization Roadmap for Additive Manufacturing](#) (Version 1.0). Since that time, America Makes and ANSI have been actively promoting the roadmap at industry events. In addition, the AMSC Advisory Group has held three meetings with the standards developing organizations (SDOs) involved to discuss their efforts to advance the roadmap's recommendations. This third plenary meeting of the AMSC is the official launch of phase 2. Goals for phase 2 include bringing in other industry experts and sectors not previously involved, expanding the discussion of standards needs for polymers in additive manufacturing, identifying potentially overlooked gaps, and providing an update on gaps already identified. The target for publication of the roadmap version 2.0 is June 2018. The overarching goal remains to continue to coordinate and facilitate the development of a consistent, harmonized, and non-contradictory set of additive manufacturing standards. Participants in the September 7<sup>th</sup> meeting should familiarize themselves with the [roadmap](#) in advance of the meeting so they are prepared to contribute to the breakout group for their sector. Participation in the AMSC is open to additive manufacturing stakeholders that have operations in the U.S.*

Time	Discussion Topic and Speaker
8:00 – 9:00 am	<b>Registration and Continental Breakfast</b>
9:00 – 9:05 am	<b>Opening of Meeting</b> - Jim Williams, President, All Points Additive; AMSC Chair
9:05 – 9:15 am	<b>Overview of AMSC Phase 1 and Agenda Review</b> - Jim Williams
9:15 – 9:25 am	<b>America Makes Perspective</b> - John Wilczynski, Director of Technology, America Makes, National Center for Defense Manufacturing and Machining
9:25 – 9:35 am	<b>Industry Perspective</b> - Jesse Boyer, Fellow, Additive Manufacturing, Pratt & Whitney; Chair, America Makes Additive Manufacturing Standards, Specs and Schemas Advisory Group
9:35 – 9:45 am	<b>Government Perspective</b> - Kevin Jurrens, Deputy Chief, Intelligent Systems Division, National Institute of Standards and Technology, U.S. Department of Commerce
9:45 – 10:00 am	<b>Setting the Stage for Roadmap Version 2.0</b> - Jim McCabe, Senior Director, Standards Facilitation, American National Standards Institute

10:00 – 10:10 am	<b>Preparation for Breakout Groups</b> - Jim Williams & Jim McCabe
10:10 – 10:30 am	<b>Networking Break, Proceed to Breakout Groups</b> - All (Meeting Room 107 and the ICON Lab, both in the same building as the Symposium Room, have also been reserved. Additional space is available to accommodate other groups as needed. Room assignments will be made on site.)
10:30 am – 1:00 pm	<p><b>Concurrent Breakout Groups</b> – All. An initial list of suggested breakout groups follows below. This list may be expanded, modified and/or reduced at the meeting depending upon the interests of those present. At the meeting participants will be able to self-select which breakout group they wish to participate in.</p> <p>Group 1 – Aerospace/Defense  Group 2 – Medical  Group 3 – Automotive/Heavy Equipment  Group 4 – Energy  Group 5 – Industrial &amp; Commercial Machinery</p> <p>A facilitator will be identified to chair each breakout group. The groups will be asked to consider at a high level the questions below related to the published AMSC Roadmap, how to approach the Roadmap update, and regarding AM standardization more generally. While some of the questions may lead to longer discussion than others, care must be taken not to get too far “into the weeds” and to allow sufficient time to cover all of the questions. The groups should identify a note-taker and someone to make the report back to the full group in the afternoon. Note-takers are asked to provide any notes to Jim McCabe at the conclusion of the meeting.</p> <p><u>Questions Related to the Roadmap and Roadmap Update</u></p> <ol style="list-style-type: none"> <li>1. What are the top priorities for your industry sector in terms of the gaps and recommendations identified in the AMSC roadmap?</li> <li>2. What if any issues do you feel are not adequately covered in the roadmap?</li> <li>3. What if any suggestions do you have for changes to how the roadmap is organized?</li> <li>4. What if any changes would you suggest to the AMSC working group structure and the process for developing the roadmap update?</li> </ol> <p><u>Questions Related to AM Standardization</u></p> <ol style="list-style-type: none"> <li>5. What if any areas of AM standardization are not currently being addressed?</li> <li>6. What if any instances of overlap and/or duplication do you perceive exist in AM standardization among SDOs?</li> <li>7. What if any obstacles are preventing you from participating in AM standardization?</li> </ol>
1:00 – 2:00 pm	<b>Conclude Break-out Groups / Lunch / Return to General Session</b>
2:00 – 3:15 pm	<b>Breakout Groups Report Back to Full Group</b> – All
3:15 – 3:30 pm	<b>Break</b>
3:30 – 4:30 pm	<b>Open Discussion / Conclusions from Report Backs</b> Jim Williams / All
4:30 - 5:00 pm	<b>Wrap-Up and Next Steps</b> - Jim Williams / Jim McCabe
5:00 pm	<b>Adjourn</b>