

# AGENDA (preliminary)

## Thursday June 9, 2016

7:30 am	Registration	Location
8:30 am	Opening Plenary Session	
	<ul style="list-style-type: none"> <li>• <b>Welcome</b> ~ NIST TBD (5 mins)</li> <li>• <b>Workshop Scope and Objectives</b> ~ Kalman Migler (NIST)</li> <li>• <b>Current Status of Polymers Roadmapping</b> Ralph Resnick (NCDMM)</li> </ul>	
9:00 am	Panel Session: Materials Throughout Their Lifecycle	
10:15 am	Break	
10:30 am	Panel Session: Process Models	
11:45 am	Lunch {need early or late lunch to accommodate large crowd in cafeteria}	NIST Cafeteria, Bldg. 101
1:00 pm	Panel Session: Performance	
2:15 pm	Morning Wrap up and Instructions for Breakout Sessions <b>Joan Pellegrino</b> , Energetics, Incorporated (5-8 mins then they move to breakout rooms)	
2:30 pm (2.5 hrs breakouts Day 1)	Breakout Session I: Targets/Capabilities for Polymer-based Additive Manufacturing <ul style="list-style-type: none"> <li>➤ <b>Envisioned Future:</b> Desired capabilities, characteristics, and performance</li> <li>➤ <b>Breakout Topics:</b> Materials Process Models, Performance, In Situ Measurements</li> </ul>	
3:15 pm	Break	
3:30 pm	Breakout Session II: Challenges and Barriers to Achieving Targets/Goals <ul style="list-style-type: none"> <li>➤ Barriers limiting the broad use of polymer-based additive manufacturing</li> <li>➤ Measurement and standards barriers, challenges, and gaps</li> <li>➤ Priority topic areas for measurement roadmap</li> </ul>	
5:00 pm	Adjourn Day 1	
7:00 pm	Poster Session Hotel	

## Friday June 10, 2016

8:30 am Welcome and Recap of Day 1

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8:40 am Panel Session: In Situ Processing Measurements

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10:00 am Break

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10:15 am Breakout Session III: Pathways for Measurement Science Roadmap

(1.5 hrs  
breakouts)      ➤ Review and clarify top challenges and potential roadmap topics  
                         ➤ Develop priority roadmap action plans and next steps

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11:45 pm Lunch NIST Cafeteria, Bldg. 101

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1:00 pm Panel Session: Integration and Standards

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2:15 pm Breakout Group Reports (5-10 mins each)

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2:50 pm Workshop Wrap up and Next Steps

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3:00 pm Adjourn

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