

2026 AMC Technology Review Agenda				
Wednesday, June 24 2026 (all times CDT)				
Start	End	Topic	Presenter	Duration
9:30 AM	10:00 AM	Welcome	Julia Spieker, AMC	30
10:00 AM	10:40 AM	CAST-IT	Michelle Truitt, ATI	40
10:40 AM	11:20 AM	Quantifying Process Relationships for Surface Defects on Chemically Bonded Sand Systems	Robert Tuttle, Western Michigan University	40
11:20 AM	12:00 PM	Tankless Water Quenching of Production Steel Castings	Stephen Williams, University of Alabama-Birmingham	40
12:00 PM	1:00 PM	Lunch		60
1:00 PM	1:40 PM	Expansion and Advancement of ICON	Sheila Rayburn, NFFS	40
1:40 PM	2:20 PM	Modeling of Oxide Films in High Alloy Steel Castings	Richard Hardin, University of Iowa	40
2:20 PM	2:40 PM	Break		20
2:40 PM	3:20 PM	Virtual Knowledge Transfer Platforms for Improved Access to Metalcasting Best Practices	Brian Began, AFS	40
3:20 PM	4:00 PM	Properties vs Section Thickness – High Elongation Structural Alloys	Paul Brancaleon, NADCA	40
4:00 PM	4:10 PM	Break		10
4:10 PM	4:50 PM	Transition of Steel Casting Technology through Codes, Standards, and Educational Tools	Dave Poweleit, SFSA Mike Gwyn, Metalcasting Design LLC Jake Richardson, CAD Development Engineer	40
4:50 PM	5:40 PM	Identifying and Controlling Factors to Improve the Production of Thin-Wall Ferrous High-Pressure Die Castings	Steve Midson, Colorado School of Mines; Sadie Beck, University of Alabama Danny Portillo, University of Alabama	50
5:40 PM	5:45 PM	Day 1 Wrap-Up	Julia Spieker, AMC	5
6:00 PM	8:00 PM	Reception-Lindbergh A&B	-	120

2026 AMC Technology Review Agenda				
Thursday, June 25 2026 (all times CDT)				
Start	End	Topic	Presenter	Duration
7:30 AM	8:30 AM	Breakfast		60
8:30 AM	8:35 AM	Welcome	Julia Spieker, AMC	5
8:35 AM	9:15 AM	Advanced Digital Characterization of Component Surfaces	Frank Peters, Iowa State University	40
9:15 AM	9:55 AM	Nano-Reinforcement of Aluminum Alloys	David Weiss, Loukus Technologies	40
9:55 AM	10:10 AM	Break		15
10:10 AM	10:50 AM	Advanced Thermal Management for High Pressure Die Casting	Carl Soderhjelm, University of California-Irvine (UCI)	40
10:50 AM	11:30 AM	Cost-Effective Fast Response and Sustainability for Critical Castings	Tom Prucha, Metal Morphosis, LLC	40
11:30 AM	12:10 PM	ACPI: Assessment and Model Development of Investment Shell Cracking	Laura Bartlett, Missouri University of Science & Technology Ben Hilgers, MS&T	40
12:10 PM	1:10 PM	Lunch		60
1:10 PM	2:00 PM	ACPI: Machine Learning and Artificial Intelligence Algorithm for Defect Characterization and Diagnosis	Brian Began, AFS Carl Soderhjelm, UCI Chris Hinrichs, ML Adjacency Analytics	50
2:00 PM	2:40 PM	ACPI: MMPDS of Alloy Into CADS	Jiten Shah, PDA	40
2:40 PM	3:00 PM	Meeting Wrap Up	Julia Spieker, AMC	20