

ARM Institute 2025 Member Meeting Agenda

Sept 3-5, 2025 - Wyndham Grand Hotel, Pittsburgh, PA

September 3		
Time	Session	Description
8:00 AM – 9:00 AM	Member Showcase Hall Set-up	Set-up time for those participating in our Member Showcase Hall. Additional set-up time will be provided on Sept. 2.
9:00 AM – 10:00 AM	Networking Breakfast in the Member Showcase Hall	Join us for breakfast and explore ground-breaking robotics, AI, and workforce innovation in the Member Showcase Hall.
10:00 AM – 10:45 AM	Welcome from Jorgen Pedersen, ARM Institute CEO	Hear from new ARM Institute CEO, Jorgen Pedersen. In his welcome, Jorgen will briefly recap the year and share what's forthcoming with a keen focus on impact and opportunities for ARM Members.
10:45 AM – 11:30 AM	Keynote Presentation by Ms. Stephanie Hoaglin, Director, Office of Organic Industrial Base Modernization Army Materiel Command	Synergistic Modernization: Integrating ATI Principles into the Army OIB Modernization Plan The Army is undertaking a critical update to its ongoing Modernization Implementation Plan (MIP) to fully integrate key principles from the recently implemented Army Transformation Initiative (ATI). This briefing details how the Army is synchronizing these efforts to maximize impact and accelerate transformation, and how industry can help. This includes a strengthened focus on developing capabilities that enable a more distributed, mobile, and technologically advanced Army.
11:30 AM – 11:45 AM	Networking Break sponsored by Fivestar	
11:45 AM – 12:00 PM	What's New for Member Engagement	Suzy Teele, ARM Institute's Chief Strategy Officer, will outline current and upcoming opportunities for increased member engagement.
12:00 PM – 1:05 PM	First Set of Five-Minute Pitches	Get to know your fellow Members in our popular five-minute pitch format! The following ARM Institute Members will present in this session: • AIVOT Robotics, Inc. • Analatom Incorporated • ARCTOS Technology Solutions LLC • Augmentus • Commonwealth Center for Advanced Manufacturing • NIST • Ohio State University CDME • Orbbec • Perforated AI • ReadyOne • SICK, Inc • Vincennes University
1:05 PM – 2:15 PM	Networking Lunch in the Member Showcase Hall sponsored by the Italian Trade Agency	Grab lunch, network, and explore Member technologies in the Member Showcase Hall.

CONCURRENT TECH & EWD TRACKS BEGIN

2:15 PM – 4:45 PM	Technology Concurrent Track	• 2:15 PM – 3:00 PM Tech Day Overview for Our Adaptive Incremental Forming through Optimized Robotic Manufacturing (AI-FORM) Tech Project Call: In this session, we will provide an overview of our new Tech Project Call in partnership with the AFRL, enable Members to ask questions about the Project Call content, and detail future phases of this effort with the AFRL. <i>We expect to issue the Project Call prior to our Annual Meeting.</i> • 3:00 PM – 3:40 PM Project Teaming & Networking Activity: During this session, we'll provide structured opportunities to find potential project team members for our AI-FORM Project Call. • 3:40 PM – 3:50 PM Networking Break sponsored by Fivestar • 3:50 PM – 4:10 PM AI Data Foundry Update: In this session, we'll provide an update about our AI Data Foundry program, which seeks to make AI more accessible to manufacturers of all sizes. • 4:10 PM – 4:20 PM Five-Minute Overviews of the AI Data Foundry Projects: ○ 4:10 PM – 4:15 PM: AI-Guided Grinding Policy Model Development and Deployment Project ○ 4:15 PM – 4:20 PM: Perception by Segmentation, Extensible Visual Ecosystem (PerSEVE) Project • 4:20 PM – 4:25 PM Overview of the 25-01 Core-Funded Tech Projects: We'll provide an overview of the goals we sought to accomplish through our 25-01 Core-Funded Tech Project Call before giving our project teams the opportunity to brief their projects. • 4:25 PM – 4:45 PM: 25-01 Core-Funded Project Updates: ○ 4:25 PM – 4:30 PM: Agile Robotic Deep In-Hole Scanning Project ○ 4:30 PM – 4:35 PM: Dimensional Verification of Aircraft Components Project ○ 4:35 PM – 4:40 PM: Adaptive Guarding for Intelligent Safety (AEGIS) Project ○ 4:40 PM – 4:45 PM: Foreign Object Debris Inspection in Confined Spaces Project • 4:45 PM: Convene in Member Showcase Hall for Pre-Dinner Networking & Member Technology Demonstrations
2:15 PM – 4:45 PM	Education & Workforce Development Concurrent Track	• 2:15 PM – 3:45 PM Putting the AI Competency Framework into Action, an Interactive Activity: Through this interactive collaboration and networking activity, you'll help the ARM Institute develop frameworks for understanding if a student or worker is truly competent in each area.

		• 3:45 PM – 4:00 PM Networking Break sponsored by Fivestar • 4:00 PM – 4:30 PM Keynote Presentation by Brad Conrad, the Education and Workforce Development Manager within the Partnerships and Outreach Division at the NIST Office of Advanced Manufacturing. <i>Session description forthcoming.</i> • 4:30 PM – 4:45 PM Education & Workforce Development Advisory Committee (EWAC) Priorities & Opportunities for Involvement: Learn what activities and goals our EWAC is working towards and how you can get more involved. • 4:45 PM: Convene in Member Showcase Hall for Pre-Dinner Networking & Member Technology Demonstrations
4:45 PM – 6:00 PM	Pre-Dinner Networking in the Member Showcase Hall	Grab a drink, network with your fellow Members, and explore member technology demonstrations in the Member Showcase Hall before we move into our seated Champions Dinner.
6:00 PM – 7:15 PM	Champions Seated Dinner sponsored by Yaskawa	Free and open to all Members, during this seated dinner, we will announce our 2025 class of ARM Champions.
7:15 PM – 8:30 PM	Networking in the Member Showcase Hall	Grab dessert and continue the conversations in the Member Showcase Hall where you'll network with Members and explore Member Tables.
September 4		
Time	Session	Description
8:00 AM – 9:15 AM	Networking Breakfast in the Member Showcase Hall	Grab breakfast, network, and explore ground-breaking technologies at our Member Tables. Note: The Endorsement Council & EWAC will meet separately at this time. Note: Member organizations in our Platinum, Gold, and Core member levels are invited to join us for a breakfast meeting at this time.
9:15 AM – 9:25 AM	CEO Address: Impact from the Day 1 Concurrent Sessions	Our 2025 concurrent tracks are centered on providing curated collaboration opportunities. In this session, Jorgen Pedersen (ARM Institute CEO) will provide a quick ten-minute update on the key takeaways from each track, ensuring alignment across Technology and Education/Workforce Development.
9:25 AM – 10:00 AM	Keynote Presentation by Keith DeVries, Director of DoD Manufacturing Technology (ManTech)	<i>Presentation description forthcoming.</i>
10:00 AM – 10:35 AM	Keynote Presentation by Jeannine Kunz, Executive Director and CEO of SME	Future-Proofing the Workforce: Building Talent for Tomorrow's Manufacturing In this keynote, Jeannine will highlight the importance of collaboration and innovation in addressing workforce challenges and explore how emerging technologies from AI-

		driven tools to immersive training solutions can enhance workforce attraction, learning, and retention.
10:35 AM – 10:50 AM	Networking Break sponsored by Fivestar	
10:50 AM – 11:55 AM	Second Set of Five-Minute Pitches	Get to know your fellow Members in our popular five-minute pitch format! The following ARM Institute Members will present in this session: • Huntington Ingalls Shipbuilding • SFSA • Carnegie Mellon University • Sensate Robotics • Eigen Strategies • ThoughtForge AI • Force Robots • General Motors • BG Workforce • Unmudl
11:55 AM – 12:40 PM	Sustainment Conversations: New Tech to Modernize the OIB and Support the Warfighter	In this panel discussion led by Chuck Brandt, ARM Institute Chief Technology Officer, we'll explore how ARM Members can support efforts to modernize the Organic Industrial Base (OIB) and support our warfighters. Expert collaborators from DoD facilities will join us to outline their needs and answer questions from our Members about avenues for collaboration. <i>Panelists are TBA.</i>
12:40 PM – 2:00 PM	Networking Lunch in the Member Showcase Hall sponsored by the Italian Trade Agency	Grab lunch, network with your fellow Members, and explore groundbreaking technologies at the Member Showcase Tables. <i>Note: The Endorsement Council will meet separately at this time.</i>
CONCURRENT TECH AND EWD TRACKS BEGIN		
2:00 PM – 4:30 PM	Technology Concurrent Track	• 2:00 PM – 2:40 PM Panel Discussion on Redefining Manufacturing: AI's Disruption and Opportunity: Chuck Brandt, ARM Institute CTO, will lead a panel discussion exploring the use of AI in manufacturing. Alongside expert presenters, we'll explore how manufacturers are using AI today, why they want to implement AI technologies, barriers to its use, and more. Our panelists will feature SK Gupta (GrayMatter Robotics), Phil Freeman (Boeing), and Tom Kelly (Automation Alley). • 2:40 PM – 2:45 PM Introduction to the 24-01 Core-Funded Tech Projects: We'll provide an overview of the goals we sought to accomplish through our 24-01 Core-Funded Tech Project Call before giving our project teams the opportunity to brief their projects. • 2:45 PM – 3:15 PM 24-01 Project Briefs ○ 2:45 PM – 2:55 PM: Automated T-Shirt Assembly System Project ○ 2:55 PM – 3:05 PM: Demonstration of Rapid TPC Welding at Scale Project

		○ 3:05 PM – 3:15 PM Fixtureless Robotic Assembly for Manufacturing Environment 2.0 (FRAME) Project ● 3:15 PM – 3:25 PM Networking Break sponsored by Fivestar ● 3:25 PM – 3:55 PM 24-01 Project Briefs Continue ○ 3:25 PM – 3:35 PM: Adaptive Robotic Insertion of Automotive Parts using Multi-Modal AI Project ○ 3:35 PM – 3:45 PM: Agile Robotic Path Planning for Spray Coating of Complex Geometry Project ○ 3:45 PM – 3:55 PM: Automated Finish of Castings Parting Line Grinding Project ● 3:55 PM – 4:30 PM From ARM Institute Project to Practical Impact: Tech Transition Interactive Activity: In this interactive collaboration and networking activity, you'll have the opportunity to provide your insight and feedback into the tech transition plans for our 24-01 Core-Funded Projects. Working with our Tech Transition Working Group and members of our Tech Team, we'll collaborate to ensure that our teams have a strong tech transition plan and help you understand how you can use the output from our projects.
2:00 PM – 4:30 PM	Education & Workforce Development Concurrent Track	● 2:00 PM – 3:00 PM ARM Institute Learning Capabilities Interactive Activity: Get hands-on with the ARM Institute's plans for learning capabilities that can be used both at our Pittsburgh headquarters and in a more mobile format. Leveraging a combination of AR and VR technologies, these capabilities will help everyone from teachers and parents to VIPs and government experts understand the career opportunities that exist in manufacturing. ● 3:00 PM – 3:30 PM Mapping the Gap: Skills, Shortages, and Strengths in the Robotics Manufacturing Workforce: With data from thousands of jobs, training programs, and user profiles, RoboticsCareer.org provides critically needed insights into the manufacturing skills gap, competencies that training programs should address to meet industry needs, and more. In this session, we'll review key takeaways from the data we've collected and how you can put these into action. ● 3:30 PM – 3:40 PM Networking Break sponsored by Fivestar ● 3:40 PM – 4:25 PM Preparing Career-Ready Students: Teaching AI & Robotics Skills for the Future of Manufacturing Panel Discussion: In this panel discussion moderated by Elizabeth DeVita (ARM Institute Education & Certification Manager), we'll explore best practices from training programs collaborating with industry partners to develop a workforce ready for AI and robotic technologies.

		• 4:30 PM Reconvene in Plenary Room
4:30 PM – 5:00 PM	Future-Proofing Your Manufacturing with the Robotics Manufacturing Hub	Before we head over to our Pittsburgh HQ for a networking reception, Jay Douglass, ARM Institute COO, will provide an update on our Robotics Manufacturing Hub (RMH), detailing impact for the manufacturers we’ve worked with and helping you understand how you can leverage it as a member. Whether you’re a robotics integrator looking for new business, want to assess your own manufacturing operations, or get hands-on with the latest robotics and AI technologies, the Robotics Manufacturing Hub can support your goals.
5:00 PM	Shuttle or self-travel to Mill 19 for our Networking Reception sponsored by Corsha	Board a free shuttle to go to our Pittsburgh facility for dinner and a networking reception. Note that our shuttles have limited spots; sign up to use the shuttle through our registration page. Directions and parking information will also be provided for those who prefer to drive to Mill 19.
5:30 PM – 7:30 PM	Networking Reception & Dinner at our Mill 19 HQ sponsored by Corsha	Join us at our Pittsburgh facility for an indoor/outdoor networking reception at our Pittsburgh facility! Explore robotics and AI demonstrations, network with your fellow members, enjoy dinner and drinks, and more. Note: A full dinner will be served via food stations. The reception may be moved indoors if the weather is inclement. Otherwise, the reception will take place both indoors and outdoors, providing more room under the iconic structure of our building. Shuttles will depart back to the hotel at staggered times: • 6:30 PM: First shuttles depart • 7:30 PM: Second and final set of shuttles depart

September 5

Time	Session	Description
8:00 AM – 9:15 AM	Networking Breakfast	During our networking breakfast, you also can meet our councils and committee members in side rooms! Get to know: • Stakeholder Executive Council (SEC): This council of elected ARM Members serves as the membership’s voice and provides feedback on programs and priorities to the ARM Institute leadership team. • Technical Advisory Committee (TAC): Our TAC provides input into our technical programs, project calls, priorities, and strategic direction. Meet members to ask questions about our technical priorities. • Education & Workforce Advisory Committee (EWAC): Our EWAC provides input into our education and workforce development activities, including RoboticsCareer.org. Meet our EWAC to learn more about these activities.
9:15 AM – 9:25 AM	CEO Address: Impact from the Day 2 Concurrent Sessions	Our 2025 concurrent tracks are centered on providing curated, collaboration opportunities. In this session, Jorgen Pedersen (ARM Institute CEO) will provide a quick ten-minute update on

		the key takeaways from each track, ensuring alignment across Technology and Education/Workforce Development.
9:25 AM – 10:05 AM	AI-Ready: Building the Skilled Workforce Manufacturers Need to Compete	In this panel discussion led by Suzy Teele, ARM Institute Chief Strategy Officer, and Lisa Masciantonio, ARM Institute Chief Workforce Officer, we'll explore the skills and competencies the manufacturing workforce needs to work with AI. We'll center on insights, best practices, and detail how the ARM Institute is putting these learnings into practice with new AI capabilities coming to RoboticsCareer.org. <i>Panelists are TBA.</i>
10:05 AM – 10:45 AM	Keynote Presentation on the State of the Robotics Industry by Alex Shikany, Executive Vice President of A3	ARM Member Alex Shikany, Executive Vice President of A3 – the Association for Advancing Automation, will provide his popular overview of the state of the robotics industry, analyze recent trends, and help you understand where the industry is headed.
10:45 AM – 11:20 AM	Member Community 2.0: Smarter Tools, Stronger Connections	You gave feedback and we listened! Significant upgrades are coming to ARM Institute's digital Member Community to enable better access to ARM Institute project outputs and make virtual networking easier. In this session, Suzy Teele, ARM Institute Chief Strategy Officer, will detail these coming changes, solicit ideas for further enhancements, and provide critical steps you should take to ensure access to this key member platform.
11:20 AM – 11:30 AM	Your Role in What Comes Next: Engage, Contribute, Lead	ARM Institute CEO, Jorgen Pedersen, will close our 2025 Annual Member Meeting with a brief recap, next steps to stay engaged, and answer final questions.
11:30 AM – 12:00 PM	Boxed Lunches & Optional Networking	Stick around for boxed lunches and networking!
Conference Ends		
Afternoon	Various Council & Committee Meetings – by invitation-only	Our Stakeholder Executive Council (SEC), Education & Workforce Development Committee (EWAC), and Technology Advisory Committee (TAC) will hold closed meetings during this time. See your council leader for details.

Save the Date!

10th Annual ARM Institute Member Meeting

November 17-19, 2026

Wyndham Grand Hotel, Pittsburgh, PA