

THE LAST TACTICAL MILE SEMINAR SERIES

2

ADDITIVE MANUFACTURING FOR METAL CASTING

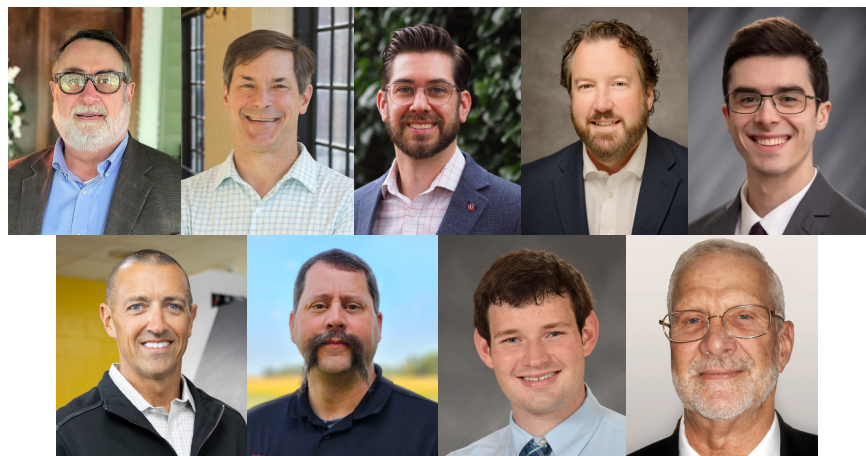
Raising the bar on high-impact education and networking for foundries and their supply chain partners.

FEBRUARY 18, 2025 | **VULCAN PARK & MUSEUM**

1701 Valley View Dr, ELECTRA Room
Birmingham, AL 35209

A Golf Cart Shuttle service will be available to and from parking lot to the venue!

ALL-DAY
EVENT
FREE OF
CHARGE.



HIGHLIGHTS

- ✓ **The OEM Perspective:** Understand why OEMs want you to apply this technology
- ✓ **Mold Design Applications:** Best practices regarding integration of AM for mold design
- ✓ **Material extrusion printers** and their application to hybrid tooling
- ✓ **Materials and Consumables:** What is being utilized today and what the future holds
- ✓ **Large Format Printers:** Operations and Best Practices
- ✓ **Future Technologies:** Discussion on what new AM may be coming and its impacts
- ✓ **Expert Panel Q&A:** Engage with Foundry experts
- ✓ **Networking Hub:** Foster connections, share insights, and stay updated on current trends

Additive manufacturing for metal casting is a growing area of expertise. Foundries leverage the technology to gain speed to market advantages, cast complex parts, reduce scrap and enable global competitiveness.

This one-day workshop will further inform and educate foundry technical personnel regarding best practices on utilization of additive manufacturing technologies. Moreover, the in-person format facilitates discussion between workshop participants. As a result of participation in the aggressive one-day workshop, attendees will understand current and emerging AM technology applications for metalcasting while connecting to an innovative group of professionals to create value over time.

We are looking forward to seeing you!

BOOK YOUR SEAT

TODAY!

<https://AMMetalCasting2.eventbrite.com>



CONTACT

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2ND SEMINAR AGENDA 02/18/2025 | Vulcan Park & Museum

MORNING AGENDA

- 8:15 – 8:30 **DOORS OPEN FOR CHECK-IN**
- The **ELECTRA ROOM** in Vulcan Park & Museum
1701 Valley View Dr Birmingham, AL 35209
- 8:30 – 8:40 **Opening Remarks & Introductions**
- Rich **LONARDO**, Principal, Defense
& Energy Systems
- 8:40 – 9:05 **The OEM Perspective**
- 01** Dr. Kirk **ROGERS**, Ph.D., Principal Consultant
for M&P Gravity Works
Marshall **MILLER**, Applications Engineer,
Pellet Extrusion Technology for the foundry,
3D Systems
- 9:05 – 10:05 **Printed Mold & Core Design Fundamentals**
- 02** Dave **RITTMAYER**, Director, Business
Development at Matthews Additive
Technologies
Dr. Jason **WALKER**, Ohio State University
CDME, Director, Materials and Processes
- 10:05 – 10:20 **NETWORKING BREAK**
- 10:20 – 11:20 **Extrusion Technology for Production Patterns
and Core Equipment**
- 03** Marshall **MILLER**, Applications Engineer,
Pellet Extrusion Technology for the foundry,
3D Systems
- 11:20 – 12:20 **Large Format Sand Printer Lessons
Learned & Best Practices**
- 04** Nathaniel **BRYANT**, Project Engineering
Manager, Metal Casting Center,
University of Northern Iowa
Jerry **THIEL**, Retired Director of the UNI Metal
Casting and Foundry 4.0 Centers

AFTERNOON AGENDA

- 12:20 – 12:35 **LUNCH WILL BE SERVED**
- 12:35 – 1:20 **Innovations and Panel Discussion**
- 05** ALL **PRESENTERS**
- 1:20 – 2:10 **Printer Materials and Innovation**
- 06** Kelley **KERNS**, Director, New Business
Development HA International, LLC
Dr. Dustin **GILMER**, Assistant Professor,
Material Science and Engineering at the
University of Tennessee & UT Space Institute
- 2:10 – 2:30 **NETWORKING BREAK**
- 2:30 – 3:30 **Buying versus Making: All you need to know
about printed mold and core production**
- 07** Brandon **LAMONCHA**, Director of Additive
Manufacturing, Humtown Additive
Dave **RITTMAYER**, Director, Business
Development at Matthews Additive
Technologies
- 3:30 – 4:00 **Innovations and Panel Discussion**
- 08** ALL **PRESENTERS**
- 4:30 – 5:30 **Sloss Furnace Tentative Tour & Pour**
- 09** 20 32nd St N, Birmingham, AL 35222

WRAP-UP DINNER

7:00 PM **THE FISH MARKET**

No Host Dinner | <https://www.thefishmarket.net/>

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