

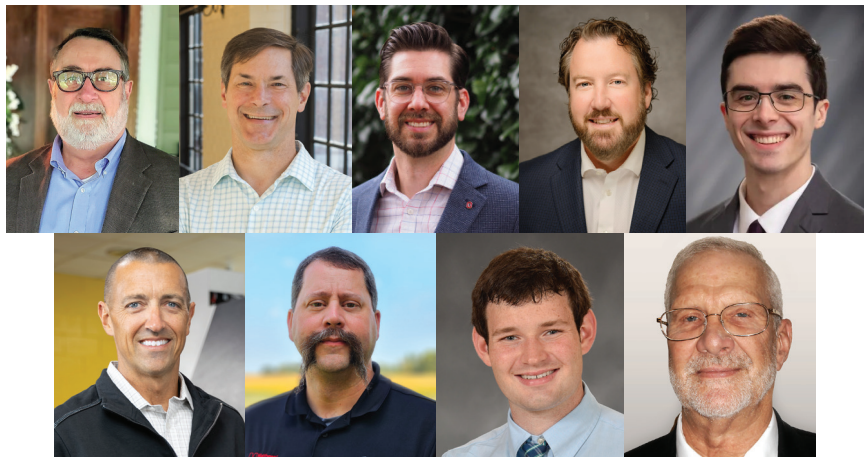
THE LAST TACTICAL MILE SEMINAR SERIES

ADDITIVE MANUFACTURING FOR METAL CASTING

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

OCTOBER 30, 2024 | DONSCO INC.

124 North Front Street , **Wrightsville, PA**



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 is in the future
- ✓ **Large Format Printers:** Operations and Best Practices
- ✓ **Future Technologies:** Discussion on what new AM may be coming and impacts
- ✓ **Expert Panel Q&A:** Engage with Foundry experts
- ✓ **Donsco AM and IoT Tour:** Our host provides real insight on technology applications benefiting their casting production
- ✓ **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://AMmetalcasting1.eventbrite.com>



CONTACT

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IN PARTNERSHIP WITH



America Makes

PRE-EVENT KICK-OFF
10/29/2024

5:00 PM

FIRST POST RESTAURANT

No Host Dinner | www.thefirstpostyork.com



SEMINAR AGENDA 10/30/2024 | DONSCO INC.

MORNING AGENDA

- 7:30 - 8:00 **CHECK-IN AT DONSCO INC.**
124 North Front St., Wrightsville, PA 17368
- 8:00 - 8:20 **Opening Remarks & Introductions**
Rich LONARDO, Principal, Defense & Energy Systems
Chris BUCK, Donsco Vice President for Operations at Donsco Inc.
- 8:20 - 8:45 **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
- 8:45 - 9:45 **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
- 9:45 - 10:00 **NETWORKING BREAK**
- 10:00 - 11:00 **Extrusion Technology for Production Patterns and Core Equipment**
03 Marshall MILLER, Applications Engineer, Pellet Extrusion Technology for the foundry, 3D Systems
- 11:00 - 12:00 **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

- 12:00 - 12:30 **LUNCH WILL BE SERVED**
- 12:30 - 1:00 **Host Presentations**
05 Chris BUCK, Donsco Vice President for Operations for Operations at Donsco Inc.
- 1:00 - 1:50 **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
- 1:50 - 2:05 **NETWORKING BREAK**
- 2:05 - 3:00 **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
- 3:00 - 4:00 **Innovations and Panel Discussion**
08 ALL PRESENTERS
- 4:00 - 5:00 **Donsco Inc. Tour**
09 Chris BUCK, Donsco Vice President for Operations

OUR PARTNERS

