

THE LAST TACTICAL MILE [LTM] SEMINAR SERIES

6

METAL CASTING  
IMPACT 2.0

# ADDITIVE MANUFACTURING FOR METAL CASTING

RAISING THE BAR ON HIGH-IMPACT EDUCATION AND NETWORKING FOR FOUNDRIES AND GOVERNMENT/DOMESTIC SUPPLY CHAIN PARTNERS.

**MARCH 11, 2026 | RIO HONDO GOLF CLUB AND EVENT CENTER | DOWNEY, CA**

**RIO HONDO GOLF CLUB AND  
EVENT CENTER  
WEDDINGS 10627  
OLD RIVER SCHOOL RD.  
DOWNEY, CA 90241**

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

**Government and OEM casting consumers require increased agility in the casting sector to enable operational availability of critical platforms. Additive manufacturing for metal casting offers reduced lead times, ability to cast complex parts and reduce scrap.**

**Key Takeaways:** You will understand how the technology facilitates more agile casting production for your organization and your supply chain partners. Presenters will share best practices on current technology applications for tooling and toolingless approaches to mold design. Networking sessions will connect you with experts and early adopters who will broaden your team's vision of how to leverage this advanced manufacturing approach to reduce lead times and produce challenging cast parts.

**Who should attend this training?** Foundry technical staff and procurement professionals, OEM, Tier I/II casting consumers, government engineers, engineering and technical students.

**WE ARE LOOKING FORWARD TO SEEING YOU!**



- ✓ **DEFENSE ACQUISITION PROFESSIONALS** earn **7 CONTINUOUS LEARNING POINTS (CLPs)** for attending, contact **Brittany Engel** for details.

**NEW!**

**SCAN THE QR-CODE OR  
CLICK THE LINK BELOW TO  
RESERVE YOUR SEAT!**



<https://AMMetalCasting6.eventbrite.com>

CONTACT **Brittany ENGEL**, Engineering Project Manager [bengel@ybi.org](mailto:bengel@ybi.org) <https://ybi.org>

like. follow. share.

## LOCATION: RIO HONDO GOLF CLUB AND EVENT CENTER | DOWNEY, CA

### MORNING AGENDA

MARCH 11, 2026

### AFTERNOON AGENDA

9:15 - 9:30

#### DOORS OPEN FOR CHECK-IN



**RIO HONDO GOLF CLUB & EVENT CENTER**  
10627 Old River School Rd.  
Downey, CA 90241

9:30 - 9:40

#### Opening Remarks & Introductions

**Rich LONARDO**, Principal, Defense & Energy Systems

9:40 - 10:00

#### The OEM Perspective

01

**Dr. Kirk ROGERS**, Ph.D., Principal Consultant for M&P Gravity Works  
**Marshall MILLER**, President of Tesserract4D

10:00 - 10:50

#### 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

10:50 - 11:00

#### NETWORKING BREAK

11:00 - 11:50

#### Extrusion Technology for Production Patterns and Core Equipment

03

**Marshall MILLER**, President of Tesserract4D

11:50 - 12:15

#### Large Format Sand Printer Lessons Learned & Best Practices [Part 1]

04

**Dr. Nathaniel BRYANT**, Associate Director, Metal Casting Center, University of Northern Iowa

12:15 - 12:30

#### LUNCH WILL BE SERVED

12:30 - 1:00

#### Presentation during lunch

05

#### Large Format Sand Printer Lessons Learned & Best Practices [Part 2]

1:00 - 1:25

06

**Jerry THIEL**, Retired Director of the UNI Metal Casting and Foundry 4.0 Centers, University of Northern Iowa

1:30 - 2:20

#### Printer Materials and Innovation

07

**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

2:20 - 2:35

#### NETWORKING BREAK

2:40 - 3:30

#### Buying versus Making: All you need to know about printed mold and core production

08

**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

09

#### ALL PRESENTERS

TBD

#### FOUNDRY TOUR | SCOTT SALES CO.

10

6115 Maywood Ave.,  
Huntington Park, CA 90255

03/12/2026

#### VENDORS NIGHT, GET TICKETS!



To **JOIN** the California AFS Chapter, the NADCA Chapter 30, and the LTM experts; scan the QR-CODE or CLICK the link:  
<https://www.nadca30.org/vendors-night.html>



This one-day workshop accounts for **7 CONTINUOUS LEARNING POINTS (CLPs)** for defense acquisition professionals, email **Brittany ENGEL** at [bengel@ybi.org](mailto:bengel@ybi.org) for details.

#### OUR PARTNERS

