

**FOUNDRY 4.0  
PARTNERSHIP**

**COMPLIMENTARY  
WORKSHOP**

Attend In-Person  
or Online!

**2024**

**In-Person & Virtual  
2-DAY WORKSHOP**

# **FOUNDRY 4.0** **STEPS TO SUCCESS** **WORKSHOP** **EVENTS**

## Agenda Overview

**10-11**

January  
**2024**

124 North Front Street  
**Wrightsville, PA**

**24-25**

January  
**2024**

204 East 5<sup>th</sup> Street  
**South Pittsburg, TN**

This project is sponsored by the Defense Logistics Agency Information Operations, I68, Research & Development, Ft. Belvoir, VA, and the DLA Troop Support, Philadelphia, PA.

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## Foundry 4.0 Steps to Success 2-day Workshop

# Agenda Overview

Wrightsville, PA 10-11  
Pittsburg, TN 24-25  
January | 2024

### Foundry 4.0 Steps to Success 2-day workshop events begin at 8:00 on both days

Donsco, Inc. 124 N Front St., Wrightsville, PA | Wednesday & Thursday, January 10 & 11, 2024

Lodge Mfg. 204 E 5th St., South Pittsburg, TN | Wednesday & Thursday, January 24 & 25, 2024

### Workshop Sessions: Four Steps Towards Success

- #1 Exploration of Foundry 4.0, Evaluation Procedure, and Business Impact  
Discover effective techniques for assessing Foundry 4.0, identifying deficiencies, and prioritizing opportunities to maximize business impact.
- #2 Design for Success, design for excellence (Dfx)  
Learn the cost-saving benefits of designing for automation excellence, contributing to overall cost reduction strategies.
- #3 Technical Data Gathering and Analysis in Industry 4.0/Foundry 4.0  
Explore the core role of data in Industry 4.0/Foundry 4.0, focusing on IoT sensor integration and the utilization of Big Data in the context of metal casting.
- #4 Organizational Rewilding and ReWild Business Assessment: A Dual Insight  
Discover Organizational Rewilding, a strategy designed to promote sustainable business growth. Learn about the RBA's role in transformation, highlighted by key findings and success stories.

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### Workshop Highlights

- » **Foundry 4.0 Unveiled:** Explore the essentials - Overview, Assessment, and Business Value.
- » **Strategic Automation & Design:** Learn efficient design strategies for automation in Foundry 4.0.
- » **Revolutionizing Casting:** Dive into Robotic Casting Finishing & Process Sensors.
- » **Smart Applications:** Explore Sensor/PLC Applications, IoT, and Data Analysis.
- » **Innovative Robotics:** Witness a Dual Robot with a 3D Bin-picking System in action. (Donsco Inc.)
- » **Technical Showcase:** Investigate Foundry 4.0 Operations Projects (Lodge Mfg.)
- » **Business Evolution:** Move from theoretical examples to tangible Business Innovation & Growth.
- » **Organizational Rewilding:** Gain insights grounded in the Stages of Growth for sustainable growth.
- » **Expert Panel Q&A:** Engage with YSU ETC, Foundry/Post-processing Lab, and 3D Scanner experts.
- » **Collaborative Discussions:** Participate in engaging discussions with industry experts.
- » **Networking Hub:** Foster connections, share insights, and stay updated on current trends.
- » **Foundry Tours:** Immerse yourself in daily comprehensive tours (in-person registration required).

### Register NOW! Complimentary Workshop: Attend In-Person or Online!

#### Two Workshop Locations



Register Now!  
DONSOCO  
JANUARY 10 & 11  
Wrightsville, PA  
Donsco Inc., [Click here](#)



Scan the  
QR-Code



Register Now!  
LODGE  
CAST IRON  
JANUARY 24 & 25  
South Pittsburg, TN  
Lodge Mfg., [Click here](#)



Scan the  
QR-Code

#### Hosts & Organizers

**Chris BUCK**, Donsco Inc.  
VP, Operations

**Scott LAKEY**, Lodge Mfg.  
Director of Foundry Operations

University of Northern Iowa (UNI): Center  
for Business Growth & Innovation (CBGI)

**Paul KINGHORN**, UNI-CBGI, Director

**Todd HUTCHESON**, UNI-CBGI, EIR

#### Guest Speakers

**Andy PROKOP**, YSU, Excellence Training Center  
Project Technician

**Matthew POHL**, The ReWild Group, LLC  
Certified Adviser & Instructor

University of Northern Iowa (UNI): Foundry  
4.0 & Metal Casting Centers (MMC)

**Josh O'DELL**, UNI, F4.0 Center, Project Engineer

**Sam MANTERNACH**, F4.0 Center, Project Engineer

**Nate BRYANT**, UNI, Ind. Tech. Center, Asst. Project Manager

Partners:

