FOUNDRY 4.0 PARTNERSHIP

2024

FOUNDRY 4.0 STEPS TO SUCCESS WORKSHOP

Agenda Overview

10-11 January 2024
24-25 January 2024

In-Person & Virtual 2-DAY WORKSHOP

124 North Front Street
Wrightsville, PA

204 East 5th Street
South Pittsburg, TN

This project is sponsored by the Defense Logistics Agency Information Operations, J68, Research & Development, Ft. Belvoir, VA, and the DLA Troop Support, Philadelphia, PA.

cbg@uni.edu
foundry4.0@ncdmm.org
319-273-4692
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.

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

Hosts & Organizers

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<tr>
<th>Chris BUCK, Donsco Inc.</th>
<th>Andy PROKOP, YSU, Excellence Training Center Project Technician</th>
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<tr>
<td>Scott LAKEY, Lodge Mfg.</td>
<td>Matthew POHL, The ReWild Group, LLC Certified Adviser &amp; Instructor</td>
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<td>Director of Foundry Operations</td>
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<td>University of Northern Iowa (UNI): Center for Business Growth &amp; Innovation (CBGI)</td>
<td>University of Northern Iowa (UNI): Foundry 4.0 &amp; Metal Casting Centers (MMC)</td>
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<td>Paul KINGHORN, UNI-CBGI, Director</td>
<td>Josh O’DELL, UNI, F4.0 Center, Project Engineer</td>
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<td>Todd HUTCHESON, UNI-CBGI, EIR</td>
<td>Sam MANTERNACH, UNI, F4.0 Center, Project Engineer</td>
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<td>Nate BRYANT, UNI, Ind. Tech. Center, Asst. Project Manager</td>
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Guest Speakers

Partners: