

Smart Manufacturing Workshop

North Carolina State University
Smart Manufacturing Innovation Center

NC STATE
UNIVERSITY

Advanced Manufacturing Lab
Biomanufacturing Training and
Education Center
Pulp & Paper Laboratory

 **CESMII**
THE SMART MANUFACTURING INSTITUTE

Workshop Overview

November 14, 2023

Invitation

The Smart Manufacturing Innovation Center (SMIC) at NC State invites you to join us at NCSU on Tuesday, November 14th, to learn how to harness the inherent intelligence within your manufacturing facility to **Make Smart Manufacturing Work for You**, improve performance, scheduling, and reduce costs. This will feature industry-renowned speakers discussing smart manufacturing best practices for small and medium-size businesses. The Center is funded through the nonprofit Clean Energy Smart Manufacturing Innovation Institute (CESMII), funded by the U.S. Department of Energy.

Who Should Attend?

This includes individuals such as owners, managers, engineers, and personnel interest in utilizing smart manufacturing in their technology

Objectives

Meet industry-experts and NCSU students and faculty, who will discuss smart manufacturing best practices for small and medium size businesses. Talk to industry experts, see technologies in action and participate in hands-on demonstrations that will help expand your knowledge of **SMART Manufacturing/Industry 4.0**. Learn about quick wins you can bring back to your industry.

Date/Time

November 14, 2023
9:00am – 2:30pm

Location

The workshop will be held at the Biomanufacturing Training and Education Center on NC State's Centennial Campus. Directions/Parking: <https://www.btec.ncsu.edu/directions>

Schedule

Morning

- Introduction to CESMII and Smart Manufacturing
- Smart Manufacturing platforms at NC State
- Biotechnology Technology and Education Center Demonstration

Working Lunch

- What do we/CESMII and NCSU have to offer

Afternoon (Tours)

- Advanced Manufacturing Demonstration (manufacturing cells- CNC, robotics)
- Pulp & Paper Pilot Production

Wrap-up Discussion
Networking

Registration is limited to 50. Please go to [ncsu-smic.wordpress.ncsu.edu](https://www.ncsu-smic.wordpress.ncsu.edu) to indicate your interest and we will get back to you regarding registration and schedule as soon as possible.

The workshop is free and a working lunch will be served.