



Center for
Quick Response Manufacturing
UNIVERSITY OF WISCONSIN-MADISON

Presentations of Student Projects with Industry
An Exclusive Members-Only Event
May 5, 2022

- 2:30-2:35 Introduction & Welcome
- 2:35-3:00 Sentry Equipment, Oconomowoc, WI
Lead Time Reduction and Assembly Cell Redesign for Single Line Products
Sentry Equipment manufactures equipment for product analysis, including conditioning, sampling, and measuring of gas, liquid, slurry, powder, and more. This project focused on reducing the Manufacturing Critical-path Time for the "Single Line" products through the development of two dedicated QRM cells in the assembly area.
- 3:00-3:25 UltraSource LLC, Kansas City, MO
Lead Time Reduction in Office Operations for Rollstock Machines
UltraSource produces processing and packaging equipment for global customers in meat, poultry, and other industries. The team is employing QRM principles to reduce the lead time for rollstock machines by 25% from order placement through production planning.
- 3:25-3:50 Kelly-Moss Road & Race, Madison, WI
Lead Time Reduction of Porsche Custom Project Builds
Kelly Moss Road & Race (KMR) is a car building and racing company that specializes in Porsche builds. The primary goal of the project is to reduce the average lead time for custom restoration builds by at least 20%. By reducing flow time, KMR can take more customer orders and grow their revenue.
- 3:50-4:00 Break
- 4:00-4:25 Promega Corporation, Madison, WI
Reduction in Quote Turnaround Time for Made-to-Order Cells
Promega Corporation manufactures mammalian cell lines that are used in testing the effectiveness of biologics such as antibody drugs. Promega aims to reduce the turnaround time for quote generation for Made-to-Order Cells from 15 days to 5 days.
- 4:25-4:50 RenewAire, Waunakee, WI
EV Premium Production Layout Redesign
RenewAire specializes in the design and manufacturing of Energy Recovery Ventilators. With anticipated increased demand for EV Premium Residential products, the team will recommend a QRM assembly cell that increases throughput and decreases build times.
- 4:50-5:15 TYRI Americas, Stevens Point, WI
Improvement of Throughput in D10 Halogen Assembly Line
TYRI is a global manufacturer that produces halogen and LED lights that are used in off-highway vehicles. The primary project goal is to improve the throughput of the D10 halogen assembly line from 1,200 to 2,000 lights per shift.
- 5:15-5:30 Closing Comments & Networking