

WHEN: Thu, Jan 11, 2024, from 10 am to 2 pm | Free lunch + free parking | Riverside Lot 307-311

Lunch + Learn

In partnership with UMASS Lowell's Plastics Engineering Department, Kistler is proud to host a Lunch-and-Learn event to discuss:

In-Process Monitoring and Control for Injection Molding Production

"Molded plastic parts cannot be controlled unless the molding process is measured in a consistent, repeatable and real-time manner," says Mike Prisby, Sr. Plastics Specialist and workshop presenter.

Zero-defect production, productivity gains and reduced costs: manufacturers of plastic parts are calling loudly for these requirements to be met, especially in the electrical and electronics sector, in medical technology and automotive engineering. Process-integrated quality assurance offers the only way of achieving these objectives. Detection of scrap at the earliest possible stage is a mandatory requirement for implementing lean production. Together with other measures, the sought-after goal of zero-defect production results in higher productivity thanks to better machine utilization and lower production costs.

In this high-level hands-on demonstration, we will discuss:

- Process monitoring methods
- Cavity pressure sensor technology
- Positioning of pressure sensors
- Structure of the measuring chain
- Process optimization based on cavity pressure in injection molding practice
- Fully automated process monitoring
- Summary and conclusions



WHERE: UMASS Lowell Ball Hall – Room 114 | 185 Riverside St, Lowell, MA | [Click for Campus Map](#)