

manufacturing technology SYMPOSIUM

Thursday September 13th



transforming your future

York, PA | 9:00am - 3:00pm

innovate

- Explore all the latest from leading solution providers
- Tour our cutting-edge manufacturing, assembly and distribution space
- Participate in product demonstrations



free, in-depth industry education

- **AMRs:** Autonomous Mobile Robots
- **Cobots:** making sense of collaborative robots
- **Cyber Risk**
- **De-mystifying the INTERNET OF THINGS**
- **Hydraulic Safety Training:** SafetyWorks Certification
- **Modern Fluid Technology**
- **Risk Assessment and Cobots**
- **Thread Identification**
- **Additive Manufacturin:** 3-D Printing

Are you ready to overcome your toughest manufacturing challenges?

Do you want to take projects to market faster and more cost-effectively?

[get the details!](#)



find inspiration and connect with these leading suppliers...



"Industry 4.0 and smart factories will win more converts in 2018 driven by the need to improve product quality and enable more efficient strategies for attaining compliance."
- IQMS

Find out the latest AUTOMATION technology including autonomous mobile industrial robots and collaborative robots. Give them a test drive, learn how easy they are to program... talk to the experts.



prepare your business for the future...

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RG GroupSM

Innovative Motion Control and Fluid Handling Products and Solutions

education schedule

morning sessions

9:30am - 10:30am

Hydraulic Safety Training: SafetyWorks Certification

THE GOAL: to avoid injury and damage to property from escaping fluids and component failures.



SafetyWorks training promotes awareness of the importance of following proper practices and maintaining safe conditions when working with fluid systems. SafetyWorks will help enhance the knowledge and awareness of safe practices regardless of job or function.

AMRs {Autonomous Mobile Robots} Transforming the industry

The core functions of an AMR, including:

- Mapping your facility... how long does it take, how do I edit the maps, how many maps can I retain?
- Interaction... How does this robot interact with other equipment in my facility? How custom can I get with the way a robot works?
- HMI, HRI and WiFi... or Human-Robot Interaction, Human Machine Interface and... WiFi
- WMS integration
- Safety and Compliance



Additive Manufacturing

Learn how 3-D printing is changing the way companies design and manufacture parts and remain competitive.



11:00am - 12:00 noon

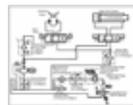
De-mystifying the INTERNET OF THINGS

We live in a digital world—and the rapid progress of that world is driven by data. The collection and application of data are everywhere. But collecting isn't enough. Find out how to take your productivity to the next level.



Modern Fluid Technology

Learn how taking a comprehensive flexible system approach to fluid management works to prevent breakdowns (eliminating downtime) and improve overall efficiency. Learn how and when to schedule and achieve proper maintenance to protect your equipment and avoid costly repairs



Perfect for: Production managers, plant managers, plant engineers, environmental leaders, maintenance managers, maintenance technicians

Cyber Risk and Security

Security, compliance, monitoring, incident response and disaster recovery... what do you know? What do you need to know?

The security of your organization's data and communications is central to your operation, your reputation and your bottom line. Don't



leave it to chance. **Josh Hinkle**, owner of **Splashwire** will share tips on how to demystify IT security, assess vulnerabilities and implement safeguards, deploy fast disaster recovery solutions, Security Assessments and much more.

afternoon sessions

1:00pm - 2:00pm

Cobots: making sense of collaborative robots

Manufacturing robots used to be kept behind cages, programmed by highly paid specialists, and were purchased for a single purpose only. *Cobots changed all of that.*

Collaborative robots are safe to be around, require a much smaller footprint, and are inexpensive enough to **provide a rapid return on investment**. If you are looking to boost productivity and quality in your operations, this is your chance to **see first-hand what cobots can, and can't do, check out basic programming, find out which manufacturing processes can and should be automated and much more.**



Thread Identification

Manufacturing is a global venture these days... can you tell the difference between SAE, NPT, metric, JIC, ORFS and BSPP/BSPT threads, flanges, fittings and connection styles? Did you even know there were that many options? If you are working with fluid power, your job could get a lot easier... **get valuable tips and techniques for measuring and identifying common threads found on international hydraulic fittings.** Save time, save money and save yourself from disastrous mistakes.



2:30pm - 3:30pm

Hydraulic Safety Training: SafetyWorks Certification

This course is a repeat of the 9:30am SafetyWorks training. {it's so popular we offer it twice!}



Risk Assessment and Cobots

Now that robots are out of the cage (so to speak) there are still general safety features that need to be considered before facility integration. Is your space configured the most productive way? Is your team knowledgeable on basic, group and product safety requirements? Mike Kunkle of MEK will help you take a look at hazards, safeguards and protective measures to protect your people and your investments.



register now!

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