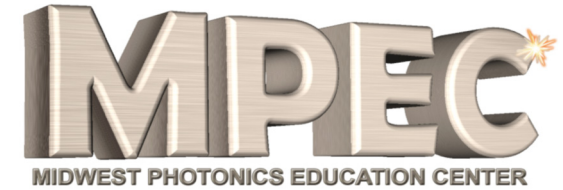
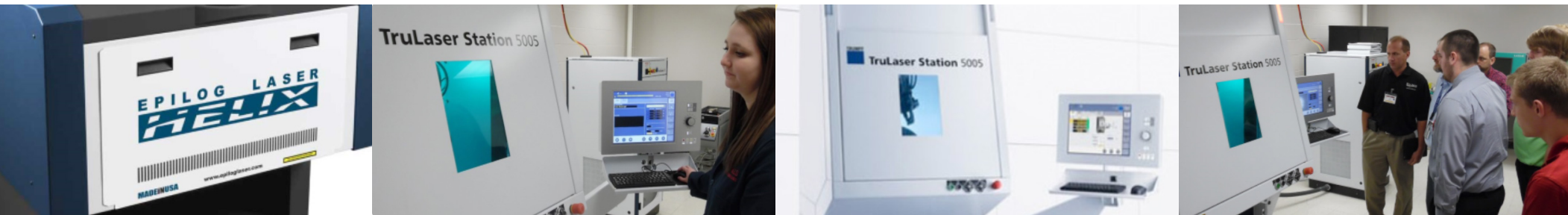


# LASER MATERIAL PROCESSING WORKSHOP



June 10-14, 2019 • 8am-4pm • ADVANCED TECHNOLOGY CENTER



- Laser Material Processing
  - A. Background
  - B. Concepts
- Industry Presentations
  - A. Industry Representatives
- Laser & Optics Technology
  - A. Establishing a Course
- Hands-On Training
  - A. Laser Welding
  - B. Laser Marking
  - C. Laser Cutting
- Tours
  - A. Local Companies
  - B. IHCC/MPEC Laboratory
  - C. Demonstrations

Photonics is the science and technology of light generation, control, and detection. Some say the 21st century will depend on photonics as much as the 20th century depended on electronics.

This Laser Material Processing workshop will include an introduction to light & lasers, laser safety, and laser applications. In addition, there will be ample time to do several hands-on laser material processing labs.

Attendees will have the opportunity to hear about the utilization of lasers in their every day operation from several industry representatives. Time will be provided to consider establishing a Laser & Optics Technology course along with options for developing and conducting labs.

Tours of local companies will be the highlighted.



This workshop is made possible through funding from NSF grantDUE #1400561

## WORKSHOP AGENDA

Phototonics Overview  
Laser Safety & Applications  
Laboratory Activities

Registration is FREE and travel expenses will be reimbursed



*Life. Changing.*

Register at [www.midwestphotonics.org](http://www.midwestphotonics.org) or contact GPAEA for recertification.

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