







Precision & Flexibility for Advanced Manufacturing

Featuring:

Prevalent & Emerging Ultrafast Applications

by Bill Holtkamp, IHCC Alumni and Sales Manager for TRUMPF, Inc.

Thursday, October 5, 2017



Indian Hills Community College Advanced Technology Center 525 Grandview Avenue Ottumwa, Iowa 52501

Symposium will be held at the RHEC building on the East end of campus.

Introduction:

Please join IHCC & TRUMPF for the complimentary Lasers in Manufacturing Symposium including supplier table tops and live demos.

Technical Symposium Agenda

9:00 AM Registration & Tabletop Exhibits	D
9:30 AM Welcome	Proudly Sponsored by:
Dr. Marlene Sprouse, President & Chief Academic Officer, IHCC	MDE A
9:45 AM Laser Sources and Their Industrial Applications Michael Shay, Laser Instructor, IHCC	MIDWEST PHOTONICS EDUCATION CENTER
10:15 AM CO ₂ Lasers are Still Relevant Bernie Koch, President, Minnesota Section of the Optical Society of And Manufacturing Technology Specialist, 3M	of America
10:45 AM Assimilation of Laser Welding: Resistance is Futile David Havrilla, Manager – Product & Project Management, TRUM	PF Inc.
11:15 AM Networking, Tabletops & Student Ask the Expert	
12:00 PM Lunch Compliments of the Midwest Photonics Education Center and the	National Science Foundation
12:45 PM Advanced Laser Applications in the Job Shop Thom Shelow, Founder, Superior Joining Technologies	
1:15 PM Unexpected Synergy: 3D Metal Printing & Conventional Ma Franziska Maschowski, Task Lead – Additive Manufacturing, TRUM	
1:45 PM Break	
2:15 PM Troubleshooting Laser Systems in Medical Device Manufact Joseph Hendrickson, Sr. Manufacturing Engineer, Medtronic	turing
2:45 PM Prevalent & Emerging Ultrafast Applications Bill Holtkamp, Sales Manager – Semi-Construction/ Consumer Elec	tronics, TRUMPF Inc.
3:30 PM Tour of IHCC Lab & Live Demo	
4:00 PM Adjourn	

RSVP

To attend the Lasers in Manufacturing Technical Symposium, please RSVP with your NAME, COMPANY, and CONTACT INFORMATION by September 29th to: haley.brehm@us.trumpf.com
For more information on IHCC, visit www.indianhills.edu

For more information on TRUMPF lasers, visit www.us.trumpf.com, or contact the TRUMPF Laser Technology Center: 47711 Clipper Street • Plymouth Township, MI 48170 • (734) 454-7242 • oeminfo@us.trumpf.com. © 2017 TRUMPF