

Winter

Operations Conference



October 18 - 19, 2022
Shanty Creek Resort
Bellaire, MI

The Michigan Winter Operations Conference features technical sessions, networking and equipment demonstrations for operators, superintendents, managers, and directors.

REGISTRATION

\$180/attendee (virtual or in-person)

Register by October 9, 2022:

<http://ctt.nonprofitsoapbox.com/2022wintereops>

LODGING

Rooms at Shanty Creek Resort are available at a per-night reduced rate:

\$105/guest room

\$117/king studio parlor

To reserve:

<https://www.shantycreek.com/reservations/michigan-technological-university/>

Cut off date for group rate is September 16, 2022.

Policies:

Fees: The registration fee includes access to all technical sessions, materials, handouts and meals listed on the agenda; it does not include lodging.

Continuing Education: The 2022 Winter Operations Conference counts for up to 9 hours of continuing education for professional engineers; registration required. The Center for Technology & Training's continuing education policy is available [here](#).

Accommodations: Requests related to a disability or dietary need should be made by ten business days prior to the event to ctt@mtu.edu.

Cancellations: No-shows or cancellations within three business days prior to the conference will be charged the full registration fee. Substitutions will be accepted.

Michigan Tech is an EOE that provides equal opportunity for all, including protected veterans and individuals with disabilities.

Day 0 - Monday, October 17

Join us for a hands-on networking event and competition plus a sundae bar from 7:00 pm - 8:30 pm.

Day 1 - Tuesday, October 18

6:50 Breakfast & Registration

8:00 Welcome & Opening Remarks

Ingrid Sandberg, PE (CTT)

8:05 Bringing Out the Stress Management Power Tools

Dayna Browning (CTT)

9:00 Mental Health First Aid

Duane Poole (Bloomfield Township) & Dayna Browning (CTT)

9:15 Break

9:30 Conflict Resolution Panel

Moderated by Dayna Browning (CTT)

10:30 Employee Recruitment & Retention Panel

Jake Welch (Barry), Bret Hodne (City of West Des Moines), John Gorney (Public Works Academy), MDOT Representative

11:30 Liquid Only Routes

MDOT Representative

12:00 Lunch

1:00 Weather Forecasting

Pat Bak (National Weather Service)

1:45 Salt Storage Sheds Panel

Walter Jansen (Allegan), Mary Gillis (Oakland), and others

2:30 Liquids Basics

Mark DeVries (Vaisala), Bret Hodne (City of West Des Moines)

3:00 Exhibitor Show (3:00 - 6:00)

Join our exhibitors for networking, hors d'oeuvres, and the chance to win a door prize!

Day 2 - Wednesday, October 19

6:50 Breakfast & Registration

8:00 Same Job, Different Conditions Panel

Jim Iwanicki, PE, and Ross Olsen (Marquette), Chris Doll (Oakland)

8:45 Spotlight on Innovations Panel

Jody Norman (Delta), Rob Hudec (Saginaw)

9:15 Autonomous Winter Road Maintenance Decision-Making using AI

Hossein Tavakoli Dastjerdi, (Michigan Technological University)

9:45 Break

10:00 Eastern Upper Peninsula Road Closures

Nick LaChapelle (MDOT St. Ignace & Engadine Maintenance Facilities)

10:30 Zilwaukee Bridge Maintenance

MDOT Representative

11:00 Liquids Panel

Bryan Pickworth (City of Farmington Hills), Bret Hodne (City of West Des Moines), Mark DeVries (Vaisala), Wilf Nixon, PhD, PE (Professional Snowfighters Association), MDOT Representative

12:00 Lunch

Grab-and-go Lunch Provided

**Center for
Technology & Training**



**Michigan's
Local Technical
Assistance Program**

