

2015 MICHIGAN Winter Operations Conference



October 20 & 21, 2015
Shanty Creek Resort - Bellaire, MI

 **Center for
Technology & Training**

**Attend the largest
snow fighters' conference in
Michigan!**

Network for Success

It won't be long before the snow starts to fly. Preparing for a successful season of winter maintenance is essential to local agencies. Changes in operational practices, routine maintenance and new technology can help your agency save money as you gear up for the winter season. Plan to attend the Michigan Winter Operations Conference where you can meet with your peers from state, county and municipal agencies to share and learn new ideas.

Build Your Program

Registered attendees will have full access to a variety of technical presentations, including presentations for operators and mechanics, managers and supervisors, and exhibitors.

Meet Industry Experts

The conference will also bring in suppliers of winter maintenance equipment, materials and services from across the country. Learn more about the latest technologies and techniques for managing ice and snow. The showcase will be open starting at noon on the first day of the conference.

The 2014 Winter Operations Conference attracted over 230 operators, superintendents, managers, and directors from state, county, and municipal agencies.

Date and Location

October 20 & 21, 2015
Shanty Creek Resort
5780 Shanty Creek Rd
Bellaire, MI 49615



SHANTY CREEK RESORTS®

Shanty Creek Resorts is a four-season destination resort and conference center spanning 4,500 acres and three distinct villages: Summit, Schuss and Cedar River, each with lodging, dining, golf downhill skiing and cross country trails. It is conveniently located 31 miles northeast of Traverse City, MI.

Hotel Accommodations

Overnight rooms at reduced rates are available at Shanty Creek Resort. Studio parlors (\$99/night) or Standard guest rooms (\$89/night) are both located within the resort (see photo to the right). Book your room [online](#).

The deadline for reserving a room is October 6. Reservations made after the deadline may be subject to official resort rates.

Check In Time

5:00 pm

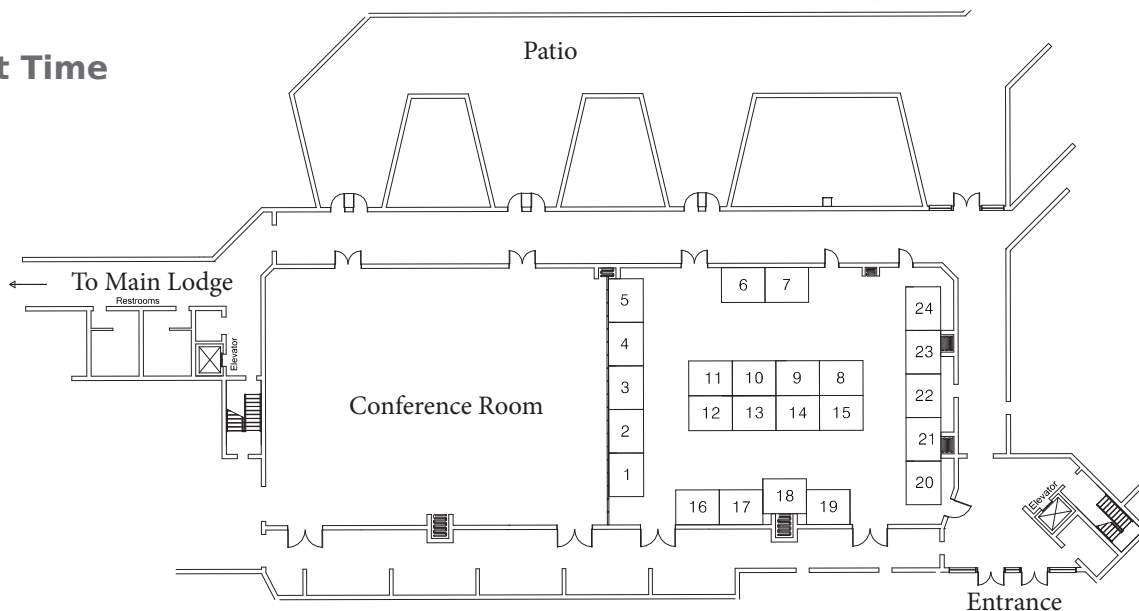
Check Out Time

12:00 noon

The Resort at the Summit



Conference Center



Cost & Registration

Cost is \$150.00 per attendee. The registration fee includes:

- Conference handouts and other materials
- Food and refreshments for all meals and breaks listed on the agenda
- Full access to all technical sessions, exhibit space, and outdoor equipment area
- Dinner BBQ and bonfire on patio October 20

Register [online](#) for the conference.

Questions? Email ctt@mtu.edu or call 906.487.2102.

No-shows or cancellations within three business days of the conference will be charged the full registration fee.

Substitutions will be accepted.

Door Prize Raffle

Prizes Include:

- Starbucks Gift Card
- GVM Jacket
- Fishing Rod & Reel
- Golf Putter
- and more!

Prizes will be drawn throughout the exhibitor show from 1:00 to 5:00 on Tuesday, October 20. Must be present to win.

Enter before 1:00 pm on October 20

Keynote Speakers

Matt Dolan

City of West Des Moines, Equipment Operator

Matt works on winter maintenance for the City of West Des Moines as an Equipment Operator. His job duties include operating snow plows, creating brine, blending liquids, repairing storm sewer intakes, maintaining waterways, and others.

Kevin Hensley

City of West Des Moines, Stormwater Supervisor

Kevin has been with the City of West Des Moines for seven years. As the Stormwater Supervisor, his day to day activities revolve around storm water issues. However, during the winter months he is directly involved in the snow and ice operations. Kevin is one of four supervisors overseeing snow shifts.



Session Topics Will Include:

- RWIS & Weather
- Environmental Factors Causing Fatigue in Equipment Operators
- Public Relations – Panel Discussion
- Motorgrader for Snow Pack Removal
- Innovations
- Mackinac Bridge Winter Maintenance Operations
- Swap Loader/Hook Loader Presentation & Demonstration
- Making Brine Simple
- An Operator's Perspective
- Winter Driving Techniques
- Calibration Presentation & Demonstration – RexRoth Granular System

For an agenda and event details, see www.CTT.mtu.edu/WinterOps

Planning Committee

Tom Bruff

Manager, SEMCOG Transportation Planning and Policy Development

Tim Croze

Region Maintenance Support Engineer, MDOT Maintenance Field Services Section

John Gorney

Operations and Utilities Manager, City of Kentwood

Brian Gutowski

Engineer-Manager, Emmett County Road Commission

Ryan Kempainen

Operations Superintendent, Ottawa County Road Commission

John Kiefer

Training Coordinator, Center for Technology & Training

Bryan Pickworth

Road Maintenance Supervisor, City of Farmington Hills

Jake Welch

Project Manager, Barry County Road Commission

Matt Wiktorowski

Field Operations Senior Manager, City of Novi

Discussion Topics



Training strategies and best practices; innovations from in the trenches; training program for plow drivers; transitioning from shop floor to fleet manager.

Materials



Agricultural bi-products for snow and ice control; minimizing salt bounce and scatter; controlling ice without chlorides; direct liquid application; high-performance salt pre-wetting agents.



Results of tow plow test; designing infrastructure for winter maintenance; refurbishing trucks; calibrating equipment; choosing the right cutting edge; snowplowable LED lane markers.



Weather forecasting; road weather information systems; environmental sensing stations; maintenance decision support systems.



The Center for Technology & Training is located on the campus of Michigan Technological University. Programs managed by the CTT include Michigan LTAP, Roadsoft, MERL, and the Bridge Load Rating Program. The CTT's mission is to develop technology and software, coordinate training, and conduct research to support the agencies that manage public infrastructure. For more information, visit www.ctt.mtu.edu.