

Michigan Bridge Week



Register now for Michigan Bridge Week 2022!

March 15 - 17, 2022

**Ann Arbor Marriot Ypsilanti at Eagle Crest Resort
Ypsilanti, MI**

REGISTRATION

Bridge Week 2022 offers in-person and virtual options for all three days of events. For registration links, cost and further event details, visit:

<http://ctt.mtu.edu/bridge-week>

\$100/per day (virtual or in-person)

Lodging

Ann Arbor Marriott Ypsilanti at Eagle Crest Resort
1275 S Huron St, Ypsilanti, MI

\$126/night - non-government rate

\$85/night - government rate

Cut off date for group rate is March 1, 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 Bridge Week counts for up to 21 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.

2022 Michigan Bridge Week

Day 1 - Tuesday, March 15, 2022

Hybrid

- 7:00** **Registration & Breakfast**
- 8:00** **Welcome**
Chris Gilbertson, PE, PhD - CTT
- 8:05** **MDOT Update**
Matt Chynoweth, PE - MDOT
- 8:45** **Local Bridge Program Update**
Keith Cooper, PE - MDOT
- 9:15** **FHWA Update**
Joey Hartmann, PE, PhD - FHWA
- 9:45** **Q & A Session with FHWA & MDOT**
FHWA & MDOT
- 10:00** **BREAK**
- 10:15** **TAMC Update**
Bridge Committee Representative
- 10:45** **Automated Permitting Using BrR**
Jake Legler, PE - Idaho DOT
- 11:30** **3D BIM Modeling**
Marcia Yockey, PE & Brad Wagner, PE - MDOT
- 12:00** **LUNCH**
- 1:00** **Whites Bridge Replacement Project**
Greg Garrett, PE - AECOM & Tom Byle, PE - Whites HBS
- 1:45** **Work Zone Safety**
TBD & Matt Chynoweth, PE - MDOT
- 2:30** **BREAK**
- 2:45** **Grosse Ile Parkway Bridge**
Lacey Hoefler, PE - HNTB & Amy Trahey, PE - GLEC
- 3:45** **Accelerated Const with Sheet Pile Abutments**
Jim Hancock - Nucor Skyline
- 4:30** **ADJOURN**

Day 1 is hybrid!
Attend in-person
or online.



Looking for more networking opportunities?
Join the Michigan Tech Civil, Environmental,
and Geospatial Engineering Department for:

Husky Time with Alumni & Friends
Tuesday, March 15
5:00 - 7:00 PM

***RSVP Not
Required***

Ann Arbor Marriott Ypsilanti
Elizabeth Ann Ballroom



2022 Michigan Bridge Week

Day 2 - Wednesday, March 16, 2022

Track A

Track B

Hybrid Bridge QC/QA Workshop

- 7:00** BREAKFAST
- 8:00** **Welcome**
Zack Fredin, PE - CTT
- 8:05** **LA Bridge Design Process Review Findings**
Tracie Leix, PE & Keith Cooper, PE - MDOT
- 8:30** **Introduction to Bridge QC/QA Module (Part 1)**
Ingrid Sandberg, PE - CTT
- 10:00** BREAK
- 10:15** **Introduction to Bridge QC/QA Module (Part 2)**
Ingrid Sandberg, PE - CTT
- 11:15** **Panel Discussion with MDOT LAP/Consultants**
Tracie Leix, PE & Keith Cooper, PE - MDOT

12:00 LUNCH

In-person Only

Advanced Bridge QC/QA: Implementing QC/QA Workshop

- 1:00** **Welcome & Introduction**
Zack Fredin, PE - CTT
- 1:05** **Design QC/QA Module**
Ingrid Sandberg, PE - CTT
- 2:30** BREAK
- 2:45** **Design QC/QA Module**
Ingrid Sandberg, PE - CTT

Hybrid

Prestressed Concrete Theory, Design, and Analysis Workshop - Part 2

- 1:00** **Welcome & Introduction**
Chris Gilbertson, PE, PhD - CTT
- 1:05** **Workshop**
Daniel M. Dowden, PE, PhD - Michigan Tech
- 2:30** BREAK
- 2:45** **Workshop**
Daniel M. Dowden, PE, PhD - Michigan Tech

4:30 Adjourn

Part 2 includes new updates for 2022 and continues the discussion from the 2021 prestressed concrete workshop (no previous attendance necessary).



2022 Michigan Bridge Week

Day 3 - Thursday, March 17, 2022

Track A In-person Only

Sheet Pile Design Workshop

- 7:00 BREAKFAST
- 8:00 **Welcome & Introduction**
Chris Gilbertson, PE, PhD - CTT
- 8:05 **Introduction, Design Methodology**
Stan Vitton, PE, PhD - Michigan Tech
- 10:00 BREAK
- 10:15 **Soil Mechanics, Example Problems**
Stan Vitton, PE, PhD - Michigan Tech

12:00 LUNCH

Two-span Steel Plate Girder Bridge Design Workshop

- 1:00 **Welcome & Introduction**
Chris Gilbertson, PE, PhD - CTT
- 1:05 **Workshop Module 1**
Upul Attanayake, PE, PhD - Western Michigan University
- 2:30 BREAK
- 3:15 **Workshop Module 2**
Upul Attanayake, PE, PhD - Western Michigan University

4:30 Adjourn

Track B Hybrid

Bridge Maintenance Workshop - Part 1

- 8:00 **Welcome & Introduction**
Zack Fredin, PE - CTT
- 8:05 **Bridge Maintenance Workshop**
Jason DeRuyver, PE - MDOT
Mike Halloran, PE - MDOT
- 10:00 BREAK
- 10:15 **Bridge Maintenance Workshop**
Jason DeRuyver, PE - MDOT
Mike Halloran, PE - MDOT

Bridge Maintenance Workshop - Part 2

- 1:00 **Welcome & Introduction**
Zack Fredin, PE - CTT
- 1:05 **Bridge Maintenance Workshop**
Jason DeRuyver, PE - MDOT
Mike Halloran, PE - MDOT
- 2:30 BREAK
- 2:45 **Bridge Maintenance Workshop**
Jason DeRuyver, PE - MDOT
Mike Halloran, PE - MDOT

