



INSTITUTE OF TRANSPORTATION ENGINEERS

MICHIGAN SECTION

Spring Technical Session – Thursday, March 16th, 2023 East Lansing, MI

Location:

Graduate East Lansing
Shadows Ballroom

133 Evergreen Ave, East Lansing, MI 48823

Parking: <https://www.cityofeastlansing.com/ParkingDowntown/>

Hosted by Myles Overall, ITE MSU President

Meeting Schedule

Check-In/Registration		
8:00 am	Doors Open: Registration, Coffee & Networking	
Morning Session		
Time	Topic	Presenter(s)
9:00 AM	Opening Remarks	Myles Overall, ITE MSU President
9:10 AM	Second Ave Bridge Detroit	John Belcher, MDOT Matt Longfield, HDR Eric Polvi , HNTB
10:05 AM	Break	
10:15 AM	Lansing: Two-way to One-way to Two-way	Andy Kilpatrick, City of Lansing
	<i>Lansing's experience with one-way to two-way conversions, including the history of the original conversion from two-way to one-way in the 1950's, the change in direction in the 1960's due to the construction of I-496, the conversion of several streets in 1999 and then the recent 2022 conversions and 2023 conversions. Impacts to traffic, parking, loading, non-motorized, transit and other impacts of the 1999 conversion will be covered.</i>	
10:45 AM	Break	



11:00 AM	MSU Student Poster Session	MSU Graduate Students
	<p><i>Nischal Gupta: 'How did the COVID-19 Pandemic Affect Traffic Speed and Safety Trends on Limited Access Freeways?'</i></p> <p><i>Sagar Keshari: 'Bridge Deck Winter Weather Warning System'</i></p> <p><i>Alireza Darzian Rostami: 'Estimating Path Travel Cost in Large-Scale Networks Using Machine Learning Techniques'</i></p> <p><i>Behdad Ghafarnezhad: 'The impacts of fully autonomous vehicles on urban networks and parking demands'</i></p> <p><i>Sunday Imosemi</i></p> <p><i>Ehsan Kamjoo: 'Developing Car-Following Models for Winter Maintenance Operations Incorporating Machine Learning Methods'</i></p> <p><i>Gagan Gupta: 'Do Distractions Affect the Occurrence of Safety-Critical Events: A Comparison of Trends at Intersections using Naturalistic Driving Data'</i></p> <p><i>Magdalena Cavka: 'Young Drivers' Perception of Speed: VR and Video Footage Comparison Study'</i></p> <p><i>Myles Overall: 'Using Law Enforcement to Enhance the Effectiveness of Speed Feedback Trailers in Work Zones'</i></p> <p><i>Amirali Soltanpour: 'Electrifying Trips Along Lake Michigan Circuit'</i></p> <p><i>Hamid Mozafari: 'Sustainable Fleet Operation Strategies to Minimize the Economic and Societal Emission Costs'</i></p>	
12:00 PM	Lunch	
	ITE Update	ITE Michigan Board of Directors
Afternoon Session		
Time	Topic	Presenter(s)
1:30pm	A Data-Driven, Performance-Based Tool for Multimodal Planning	Peter Savolainen, MSU
	<p><i>Moving beyond complete streets to complete networks – entire networks of continuous connected facilities for transit, bike, auto, freight, and pedestrians – involves conducting a larger review of networks for each mode. MSU will share a newly developed tool aimed at enhancing how facilities are planned and designed.</i></p>	



2:00 PM	New ITE Guidance: Multi-Modal Transportation Impact Assessments	Julie Kroll, Fleis and Vandenbrink
	<i>New ITE Recommended practices are replacing ones published in September 2010 and will shift how traffic studies are conducted in areas with new mobility modes. It is anticipated that the new practices will change multimodal transportation impact analysis, encouraging consistency in planning for site access, on-site circulation, and parking layouts, as well as off-site improvements for new and expanding developments.</i>	
	Break	
2:45 PM	Young Professionals Committee Panel – Entry and Student	Madison Carlson, Fishbeck Myles Overall (MSU Grad Student) Lauren Hull, OHM Tiana Gillis, MDOT
	<i>Hear from professionals who have recently entered the industry discuss what encouraged them to pursue transportation, what support they found helpful, and how they feel transportation professionals can help them develop.</i>	
3:30 PM	Closing Remarks	

Fees:

Includes lunch and continuing education seminars with up to **4.0 hours** of Continuing Education Hours (CEH). CEH records will be available online following the event. Please make sure to sign-in at the event.

Payment Due:	ITE Member	Non-Member	Students
EARLY BIRD PRICE (Ends March 2 nd)	\$35	\$45	\$10
Regular Payment/Registration	\$45	\$55	\$15

Registration: https://itemichigan.org/?page_id=12580

Continuing education credits: https://itemichigan.org/?page_id=12694

POST-EVENT SOCIAL

*Join us on the hotel's rooftop bar. Great views of East Lansing and a chance to continue to network with professionals and students. Bar opens at 3:45pm. Drinks are **not** included with registration.*

