

WEDNESDAY, MARCH 5, 2025

General Session Heritage Hall

Moderator: Jeffery R. Roesler,
T.H.E. Conference Director, UIUC

- 7:00am** **Conference Registration –**
Heritage Hall Lobby
Exhibit Hall & Buffet Breakfast –
Illinois Ballroom
- 8:00am** **Remarks**
Jeffery R. Roesler, T.H.E. Conference Director,
Professor, CEE at UIUC
- 8:15am** **Illinois Tollway Update**
Manar Nashif, Chief Engineering Officer
Karyn Robles, Chief of Planning
- 8:40am** **Enhancing Freight Efficiency:
Optimizing Electric Trucking
and Platooning for Roadway Performance**
Imad L. Al-Qadi, Professor, CEE at UIUC,
Director, Illinois Center for Transportation
- 9:15am** **Update from Grainger College
of Engineering**
Rashid Bashir, Dean, College
of Engineering, UIUC
- 9:40am** **Support for Transportation Electrification**
Jordan Losiak & Violeta Ryman, ComEd
- 10:15am** **Break (Illinois Ballroom)**
- 10:35am** **Health and Safety Innovations
for Construction Workers**
Houtan Jebelli, Assistant Professor, UIUC
- 11:10am** **IDOT Update**
Gia Biagi, Acting Secretary, IDOT
- 11:35am** **Award Presentations**
**IACE UIUC Student Scholarship
and Zone Awards**
Mark Mathon, IACE President, DeWitt County

IDOT Awards
Justan Mann, Deputy Director, Office of
Highways Project Implementation, IDOT
- 12:15pm** **Adjourn (lunch on your own)**

SAVE THE DATE - T.H.E. 2026

T.H.E. 112th Annual Illinois
Transportation and Highway
Engineering Conference
March 3-4, 2026 • iHotel & Conference Center

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111TH ANNUAL ILLINOIS TRANSPORTATION AND HIGHWAY ENGINEERING CONFERENCE

March 4-5, 2025
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MONDAY, MARCH 3, 2025

- 9:00am** **Workshop #1 - Risk Management in
Engineering: Learning from Case Studies**
Moderator:
Jeffery R. Roesler, UIUC
Presenters:
Melissa Roberts, USI Insurance Services
Katie Jones, O'Hagan Meyer
Staci Brinson, AXA XL

- 1:00pm** **Workshop #2 - Bridging Innovation: Exploring
U-BEAM® Solutions for Faster, Stronger, and
Cost-Effective County Infrastructure**
Moderators:
Eric Seibring, Piatt County
Melissa Islam, The Will Group
Presenters:
Kay Jimison & Amanda Swanberg, Valmont
Industries
Guy Nelson, Valmont Structures
Russ Renner, Whiteside County

TUESDAY, MARCH 4, 2025

General Session Heritage Hall

Moderator: Jeffery R. Roesler,
T.H.E. Conference Director, UIUC
Livestream available in Humanities,
Knowledge, Innovation, Technology or Quad

- 7:30am** **Conference Registration –** Heritage Hall Lobby
Exhibit Hall & Buffet Breakfast –
Illinois Ballroom
- 9:00am** **Opening Remarks**
Jeffery R. Roesler, T.H.E. Conference Director,
Professor, CEE at UIUC
- 9:10am** **What Computer Vision Can
Do for Transportation**
David Forsyth, Siebel School of Computing
and Data Science, UIUC
- 9:55am** **Transforming Jobsite with Technology**
Brad LaForest, Caterpillar, Inc.
- 10:40am** **Break (Illinois Ballroom)**
- 11:00am** **Traffic Patterns Post Covid Panel**
Moderator: Erskine Klyce, IDOT,
Alex Beata, Chicago Metropolitan Agency for Planning
Jonathan Lloyd, IDOT
Yanfeng Ouyang, UIUC

12:00pm - 2:00pm Lunch

Lunch Options

1. Join us in either the Illinois Ballroom, Chancellor, Quad* or Technology** for a buffet lunch (overflow available in Humanities).
 2. Take the Green Street Shuttle to Campus. Meet the Peoria Charter Bus at the North Entrance, East Wing, starting at 11am. Seating is on a first come, first served basis.
- *Vegetarian and Vegan options available in the Quad Room.
**Gluten-free option available in the Technology Room.

12:00pm - 1:30pm Poster Session (Chancellor)

CEE Student Networking & Poster Session

TUESDAY, MARCH 4, 2025 - CONCURRENT SESSIONS

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BRIDGES & STRUCTURES		DESIGN, CONSTRUCTION & ENVIRONMENT		TRAFFIC, OPERATIONS & SAFETY		LOCAL ROADS & STREETS		TRANSPORTATION & MATERIAL INNOVATIONS		AVIATION	
Room: Heritage Hall 2 & 5 Moderator: Ben Redding, Kimley-Horn Livestream available in Humanities, Knowledge, Innovation, Technology or Quad		Room: Heritage Hall 1 & 4 Moderator: Teresa Price, IDOT		Room: Heritage Hall 3 & 6 Moderator: Kyle Armstrong, IDOT		Room: Chancellor Ballroom Moderator: Mark Lee, Farnsworth Group		Room: Alma Mater Room Moderator: Bridget Malinowski, AECOM		Room: Lincoln Room Moderator: Craig Loudon, Crawford, Murphy & Tilly	
2:00pm	McClugage Bridge Tied Arch Construction and Float-In John Love, IDOT Nick Volk, IDOT	2:00pm	Updates on Roundabout Design and Implementation Matt Papirnik, AECOM Jason Salley, IDOT	2:00pm	CDOT Arterial Resurfacing Programs Jonathan Rualo, City of Chicago Lukasz Sledz, WSP USA	2:00pm	ORD Impact-How to Determine a Realistic Cost Quickly Tom Cox, Cummins Engineering Corporation	2:00pm	The Role of Living Digital Twins and AI for Smart, Safe, and Sustainable Mobility Nick Becker, AECOM Majid Mastali, WSP USA Hadi Meidani, UIUC	2:00pm	Airport Pavement Management Systems Gen Long, Applied Pavement Technology, Inc.
2:40pm	Longmeadow Parkway Bridge - Fox River Crossing Joey Heger, Crawford, Murphy & Tilly Jeff Sedig, Crawford, Murphy & Tilly	2:40pm	75th Street CIP Now and the Future Velicia M. Goode-Moore, IDOT Christopher Ferguson, WSP USA Sameh Gorgey, WSP USA	2:40pm	Mumble Strips Marshall Metcalf, IDOT Benjamin R. Sperry, IDOT	2:40pm	Deciphering Recycling Reports: Explaining the Mix Designs, Specifications and Reports for In-Place Recycling Applications (CIR, CCPR and FDR) Stephanie Drain, Drain Engineering	2:40pm	Leveraging LiDAR to Address Capacity Challenges Jeffrey Clay, TWN, Inc. Andy Joost, TWM, Inc.	2:40pm	O'Hare International Airport Taxiways A & B Design and Delivery Innovation Mudhar Alobaidi, City of Chicago Stephen Elrod, EXP Chris Fedro, F.H. Paschen
3:20pm Break (Illinois Ballroom & outside Chancellor)						3:20pm Break (Illinois Ballroom & outside Chancellor)					
3:40pm	Designing the Navy Pier Flyover Lubka Benak, CDOT Tony Shkurti, HNTB	3:40pm	Using GIS for Managing ADA Transition Plans Jon Hodel, Cloudpoint Geospatial Brandon Yates, DeepWalk	3:40pm	Best Practices for Traffic Signal Condition Assessment Professor Ryan Fries, SIUE	3:40pm	Old Orchard Road: Woods Drive to Skokie Boulevard Bulent Agar & Aaron Lebowitz, Cook County	3:40pm	V2I Technologies for Lane Departure and CWZ Safety Improvements Jeffery R. Roesler, UIUC	3:40pm	IND RW 5R-23L & TW D Strengthening and Capacity Enhancement Project Luke Burlingame, Kimley-Horn Tony McMichael, Indianapolis Airport Authority
4:20pm	Bentleys OpenBridge Modeler (OBM) and OpenBridge Designer (OBD) Modeling Tools Drew Christopher, IDOT	4:20pm	IDOT Pump Station 4 Reconstruction Vince Cirrintano, WSP USA Christian Iroume, IDOT	4:20pm	I-80/94 Flexroad Project Tobias Randolph, Parsons	4:20pm	Wheaton Downtown Streetscape Rob Deming, Primera Engineers Manisha Kaul, Krueck Sexton Partners Allison Orr, Downtown Wheaton Association	4:20pm	I-39 Pavement Rehabilitation Mike Short, IDOT Kelly Smith, Applied Pavement Technologies, Inc.	4:20pm	Overnight Runway Reconstruction at R. Reagan Washington National Airport Rich Thuma, Crawford, Murphy & Tilly
5:00pm Mixer (Colonnades Club @ Memorial Stadium) Enter at Gate 16 on West Side Bus available at Northeast entrance (by Heritage Hall)						5:00pm Mixer (Colonnades Club @ Memorial Stadium) Enter at Gate 16 on West Side Bus available at Northeast entrance (by Heritage Hall)					

T.H.E. PROGRAM COMMITTEE

Imad L. Al-Qadi ICT & UIUC
 Kyle Armstrong IDOT
 Brian Castro d'Escoto, Inc.
 Kim Cummins Cummins Engineering Corporation
 Clare Dietz IDOT
 Mohamad Faraj Illinois Tollway
 Dan Gancarz Illinois Tollway
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Mark Lee APWA
 Craig Loudon Crawford, Murphy & Tilly
 Bridget Malinowski AECOM
 Kundayi B. Mugabe Mott MacDonald
 Teresa Price IDOT
 Ben Redding Kimley-Horn
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UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

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