The Frontiers of Artificial Intelligence-Empowered Methods and Solutions to Urban Transportation Challenges
Phase II: Best Practice, Education, and Workforce Development

When: December 15, 2022

Where: Hilton University of Florida Conference Center Gainesville

(1714 SW 34th Street Gainesville, Florida 32607 USA)

Sponsor: National Science Foundation

Register here.

Organizing Committee

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Workshop Synopsis

With quickly growing quantity and variety of transportation data, artificial intelligence (AI) technologies are revolutionizing transportation research from system management to automated vehicle and infrastructure control. Emerging AI technologies combined with other analytical methods will lead to improved scientific understandings, transformative informed decisions, and innovative, proactive management solutions of urban transportation infrastructure systems (UTIS). In this workshop, researchers, practitioners, and educators from transportation and computer science disciplines will be invited to explore the frontiers of emerging AI technology best practices and workforce development for addressing urban transportation challenges. The workshop aims to identify the emerging implementation, workforce development, and education needs and challenges and further stimulate transformative research and applications in both transportation and AI communities.

Workshop Agenda

- Session I: Emerging AI Technologies in Transportation Practice
- Session II: AI Technology Training Program Development
- Session III: New Generation Workforce Development
- Roundtable Discussions: Challenges of AI-Empowered technologies in practice and workforce development
- Discussion Reporting and Closing Remarks
- Social hour and networking

For more details, scan the QR code or **click here for workshop website.**

Organized by

ASCE T&DI Artificial Intelligence in Transportation Committee
ASCE Connected and Automated Vehicle Impact Committee
TRB AED50 Committee on Artificial Intelligence and Advanced Computing Applications
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