

New England Innovates: AI and Transportation

THE
NEW ENGLAND
COUNCIL

November 13, 2024 - ML Strategies

AGENDA

8:00 a.m. **Registration & Networking**

8:30 a.m. **Welcome Remarks and Keynote Introduction**
The Honorable Steve Baddour
Executive Vice President & Director of Operations, M.L. Strategies

Keynote Remarks and Q&A
Luisa Paiewonsky
Director of the Center for Infrastructure Systems and Technology
U.S. Department of Transportation/Volpe Center

9:00 a.m. **Panel Discussion**

Moderator:
Carolina Säve, Attorney
Mintz Law Firm

Panelists:

- Paul Godfrey, P.E., Vice President and Massachusetts Office Leader, HNTB
- Jim Lynch, Senior Vice President and General Manager, Autodesk Construction Solutions
- Jessica Rajkowski, Division Chief Engineer, MITRE
- Alex Wu, Vice President of Digital Transformation and Chief Information Officer (CIO), Keolis North America

10:00 a.m. **Program Concludes**



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SPEAKER & PANEL BIOGRAPHIES

Welcome Remarks and Keynote Introduction

The Honorable Steve Baddour

Executive Vice President & Director of Operations

M.L. Strategies

A former Massachusetts State Senator and former Assistant Attorney General, Steve has over 30 years of combined government, political and campaign experience. He has worked at all levels of government and has strategically and successfully represented clients from City Hall to the State House to Washington D.C. Steve has strong and longstanding relationships throughout the Massachusetts government. He is well versed in executive, legislative and local governance. During his time in the Senate, Steve served as the Senate Chair of the Joint Committee on Transportation, the Vice-Chair of the Joint Committee on the Judiciary, the Vice Chair of the Senate Ways and Means Committee and chaired numerous conference committees. He is an active member of the Greater Boston Chamber of Commerce and was elected to sit on the Chamber's Board of Directors in 2024. Steve is ready to advocate on your behalf and apply his unique and diverse experiences in order to achieve a successful client outcome.

Keynote Speaker

Luisa Paiewonsky

Director of the Center for Infrastructure Systems and Technology

U.S. Department of Transportation/Volpe Center

Luisa Paiewonsky is the Director of the Center for Infrastructure Systems and Technology at the U.S. Department of Transportation/Volpe Center in Cambridge, Massachusetts. She directs the work of 145 professional staff focusing on infrastructure modernization, project delivery, transportation safety, and advanced transportation technologies in all modes. In 2022, she served a seven-month assignment as Senior Policy Advisor for Transportation at the White House, where she wrote the Accelerating Infrastructure Action Plan. Prior to joining the U.S. DOT/Volpe Center, Paiewonsky served for six years as the Highway Administrator of the Massachusetts Department of Transportation, and Commissioner of the Massachusetts Highway Department, where she worked for 22 years. In that role she launched the \$3.3 billion Accelerated Bridge Program and directed the \$1 billion Statewide Road and Bridge Program. She is a former U.S. Peace Corps Volunteer and past president of WTS-Boston. She earned a master's degree in city planning from Boston University and a bachelor's degree from Mount Holyoke College.



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Panel Moderator

Carolina Säve
Attorney
Mintz Law Firm

Carolina Säve is an attorney with the Mintz law firm, focusing her practice on the protection of client innovations in the mechanical, electrical, and computer science arts, including technologies involving artificial intelligence (AI). Leveraging her experience as an in-house counsel and registered patent attorney, Carolina aids with patent preparation and prosecution, strategic portfolio development, freedom to operate analysis, licensing, and diligence for companies with cutting-edge technologies. She represents clients across the technology, life sciences, medical devices, and automotive industries.

Carolina holds a Juris Doctorate from Suffolk University Law School (JD, Intellectual Property, with Distinction) and a bachelor's degree in mechanical engineering from Boston University.

Panelists

Paul Godfrey. P.E.
Vice President and Massachusetts Office Leader
HNTB

Paul Godfrey. P.E. is Vice President and Massachusetts Office Leader at HNTB. With an extensive background in transportation planning and design for projects throughout New England, Paul is a widely respected transportation professional. He has held office leadership positions for multiple HNTB offices in the Northeast, managing or providing principal oversight of critical transportation infrastructure projects in Maine, New Hampshire, Vermont and Massachusetts. Paul's areas of specialization include a variety of infrastructure-related activities from grant writing to traffic and revenue forecasting, and from transit analysis and design to traffic control and maintenance of roadways. Prior to his February 2024 appointment as Office Leader for HNTB's Massachusetts office, Paul had served as Project Manager for both the South Station Expansion project and for the Casey Arborway.

Paul has been immersed in HNTB's exploration of the application of Artificial Intelligence as a tool to enhance planning and design of infrastructure projects, helping HNTB to take advantage of the rapid developing capabilities of AI to run business more efficiently. Under Paul's leadership, HNTB looks to expand the capacity of its professionals in the usage of advanced analytics coupled with AI.

Paul is a graduate of Northeastern University with a degree in Civil Engineering, and is active with a range of professional organizations, including the American Society of Civil Engineers and the Institute of Transportation Engineers.



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Jim Lynch

Senior Vice President and General Manager

Autodesk Construction Solutions

Jim Lynch is the Senior Vice President and General Manager at Autodesk Construction Solutions where he leads Autodesk's efforts to accelerate the construction industry's transformation from analog-based processes to digital workflows.

Jim manages all aspects of business operations, including product development, marketing, sales, and support. Jim and his team are focused on delivering innovative, cloud-based solutions to help the global construction industry reduce risk using Autodesk technology.

During his 20+ year tenure at Autodesk, Jim was a key contributor in scaling Revit into a market leading solution and establishing BIM as an industry standard. Jim holds a BS in Computer Science from Fitchburg State College.

Jessica Rajkowski

Division Chief Engineer

MITRE

Jessica Rajkowski is a Division Chief Engineer at MITRE, where she has also served as Department Manager for Robotics and Autonomous Systems and Director of MITRE's Mobile Autonomous Systems Experimentation Lab. The Lab focuses on experimentation with cutting edge autonomy and AI capabilities and platforms, including MITRE's own autonomous vehicle testbed and connected transportation technology. Jessica has led numerous projects in test and evaluation, prototyping and strategic planning across a broad range of AI and autonomy transportation applications. Jessica holds a B.S. and M.S. in Mechanical Engineering from the University of Maryland – College Park, where her Masters research focused on fabrication and development of small-scale robotics systems.

Alex Wu

Vice President of Digital Transformation and Chief Information Officer (CIO)

Keolis North America

Alex Wu is Vice President of Digital Transformation and Chief Information Officer (CIO) at Keolis, North America (N.A.). Alex Wu is accountable for further digitizing business processes, developing new tools, implementing innovative technologies, and creating even greater value for clients as support for Keolis, N.A.'s partners' technology evolution to the future. Before joining Keolis in 2022, Alex spent nearly two decades supporting the United States federal government both as contractor and federal employee. Prior to supporting the U.S. government, Alex spent fifteen years in medical, semi-conductor, computer manufacturing, telecom, and construction material industries. Alex earned a Master of Business Administration from the University of Maryland, a Master of Science in Information Systems from George Washington University, and a Bachelor of Science in Computer Science from the University of Washington.



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THANK YOU TO OUR HOST



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