“Technology, Infrastructure & Finance”
A Cornell Program in Infrastructure Policy Event

Event Abstract
According to The Intelligent Transportation Society of America, “advancements in the research and deployment of intelligent transportation technologies save lives, improve mobility, promote sustainability and increase efficiency and productivity.”

Rapid advancements are occurring in real time in transportation infrastructure, and in virtually every other aspect of infrastructure development, deployment and delivery in all the sectors that comprise our built environment.

Innovations include autonomous vehicles, mobility on demand, rapidly improving construction materials and techniques, roadbed and system sensors that offer real-time data collection, and incorporating critical new resiliency features into infrastructure assets, among many others.

America’s infrastructure is facing massive technological disruption and is destined to be the next major economic sector influenced and improved by the global innovation wave. Meanwhile, many public-sector infrastructure owners lack the resources, expertise and scale to implement new and promising technologies.

This CPIP Policy Event will bring together experts in infrastructure, technology, finance and other areas to explore how a multi-disciplinary approach can address the challenges of technological adoption in the infrastructure space. The event will include a focus on several prominent New York City projects, including the multi-state and agency Gateway Program and MTA’s L-train renovation. With its proud engineering tradition, top computer science department, and historic Land-Grant mission, Cornell University is at the forefront of the policy and practical considerations for improving our built environment. The Urban Tech hub at the Jacobs Technion-Cornell Institute at the Cornell Tech campus in New York City emphasizes this commitment.
Program

11:30am - 12:30 pm  Gathering & Light Lunch

12:30pm - 12:40pm  Welcome and Introductions  
Rick Geddes, CPIP Founding Director & Anthony Ferrari, CPIP Board Chair

12:45pm - 1:30pm  Keynote Remarks  
David P. Wilson, Chief Innovation Officer, Bechtel  
Carlos Cordero, Director, Corporate Development Finance, Global Infrastructure Funds Team, Cisco Systems

1:30pm - 2:00pm  “Technological Innovations on the L-Train Renovation”  
Thomas O’Rourke Thomas R. Briggs Professor in Engineering, Civil and Environmental Engineering, Cornell University

2:00pm - 2:30pm  Coffee Break

2:30pm - 3:00pm  Book Presentation  
Clive Lipshitz & Ingo Walter, NYU Stern – co-authors, “Bridging the Gaps: Public Pension Funds and Infrastructure Finance”

3:00pm - 3:45pm  The Gateway Program / Hudson Tunnel Project  
Frank Sacr, Interim Executive Director at Gateway Program Development Corporation  
Mohammed Nasem, Senior Director, Engineering Design, Amtrak

3:45pm - 4:30pm  Technological Innovations in Infrastructure  
Garrett John Van Ryzin, Charles H. Dyson Family Professor of Management, Cornell Tech
Karthik Balakrishnan, Co-founder, Actual
Joshua Goldman, Director of Strategy & Business Development, Via

4:30pm - 5:00pm  
**Update: Cornell Tech’s New Urban Tech Hub and its Links to Infrastructure Technology**
Prof. Greg Morrisett, Jack and Rilla Neafsey Dean and Vice Provost of Cornell Tech

5:00pm - 6:00pm  
**Networking Reception**

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