Evolving Technologies for Transportation Systems Management

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Abstract: The nation’s highway-centric surface transportation system is being transformed by technologies that are enabling Connected and Automated Vehicles. These same technologies are evolving broader potential for Smart Connected Communities within which transportation and mobility services are being integrated with other civic, economic, and cultural dimensions. The seminar will explore the background and origins of these transportation infrastructure and vehicle systems, understand and discuss current issues in developing and accommodating them, and introduce concepts for future innovation in transportation system management.

Bio: John Corbin is an Adjunct Professor of Practice in the Department of Civil & Environmental Engineering at the University of Wisconsin – Madison, from which he was awarded an M. Sc. in Transportation in 1990. He received his undergraduate degree in Civil Engineering and a Certificate in Public Administration from the University of Wisconsin – Milwaukee. John also serves as a Transportation Research Implementation Specialist with the USDOT Federal Highway Administration, and has led the creation of transportation system management technology programs formerly as the Director of Traffic Operations for both the Wisconsin and Iowa Departments of Transportation. He is a Fellow of the Institute of Transportation Engineers, an active Member of the American Society of Civil Engineers, and has been a committee and panel leader within the Transportation Research Board over the majority of his career.