



Autonomous Vehicle Facilities and Research at the Smart Mobility Lab



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ABSTRACT

In this presentation, we will introduce the autonomous vehicle research at Penn State Smart Mobility Lab, including a full-sized autonomous vehicle with a suite of sensors and self-driving software, the test track managed by the Larson Transportation Institute, representative AV research topics, and a special market-ready AV technology for transportation infrastructure maintenance.

BIOGRAPHY

Dr. XB Hu is an Assistant Professor at Pennsylvania State University, in the department of Civil and Environmental Engineering and directs the SmartMobility lab at PSU. Prior to this, he was an Assistant Professor at Missouri University of Science and Technology between 2017 and 2021. His research focuses in the area of Smart Mobility System, Dynamic System Modeling, Active Demand Management, Autonomous Vehicles, and Electric Vehicles