



Stony Brook University

Department of Civil Engineering
College of Engineering and Applied Sciences

FALL 2022 SEMINAR SERIES

Dr. Xianbiao Hu, Ph.D.

Assistant Professor, Department of Civil and Environmental Engineering,
Pennsylvania State University

Friday, October 28th, 1:00 – 1:55 PM
Frey Hall Room 201

Smart Mobility Research at the Penn State University

Abstract

Transportation engineering is entering a new era where disruptive technologies and advanced machine learning models are being developed and introduced into the field. These exciting changes also bring a paradigm shift on transportation research and funding opportunities. In this presentation, we will introduce the smart mobility research at Penn State, including autonomous vehicles development and testing, electric vehicles related research, and transportation big data analytics.

Speaker 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.

