



**The 11th International Congress
Motor Vehicles & Motors 2026
Kragujevac, Serbia
October 8th - 9th, 2026**



TRAFFIC MANAGEMENT STARTS WITH THE CAR

(Why vehicle design must become a core variable in smart mobility solutions)



Aleksandar Stevanovic, PhD, PE, F. ASCE is an Associate Professor of Civil and Environmental Engineering and Director of the Pittsburgh Intelligent Transportation Systems Lab at the University of Pittsburgh. He is internationally recognized for his pioneering contributions to Adaptive Traffic Control Systems (ATCS) and intelligent traffic operations. Dr. Stevanovic's research bridges theory, simulation, and real-world deployment, with a focus on adaptive signal control, multimodal traffic operations, AI-enabled decision support, and large-scale network management. He has led more than 40 funded research projects sponsored by agencies such as FHWA, NSF, DOE, TRB, and multiple state DOTs, with total funding exceeding \$5 million. He has authored over 230 peer-reviewed publications and is the sole author of the NCHRP Synthesis on Adaptive Traffic Control Systems, a foundational reference for practitioners worldwide. A Fulbright Specialist and ASCE Fellow, Dr. Stevanovic actively collaborates with governments, universities, and industry partners across North America, Europe, and Asia to advance next-generation traffic management systems.