Making highways safer is the aim of the Advanced Highway Maintenance and Construction Technology Research Center at the University of California, Davis.

This center, funded by the California Department of Transportation, develops and deploys machines for dangerous jobs on busy highways, such as laying cones, sealing cracks and collecting litter. The center also generates fundamental research in areas such as robotics, mechanical design, control systems and mechatronics -- the integration of electronics into mechanical systems.

Please join DRI for this very interesting discussion on robotics and automation!

About the Presenter:

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Bahram Ravani is a Professor of Engineering at the University of California (UC), Davis and a co-director of the Advanced Highway Maintenance and Construction Technology (AHMCT) Research Center – A Collaborative research Center between the California Department of Transportation (Caltrans) and the University of California-Davis. He is also an Interim Chair of Electrical and Computer Engineering Department. He has been a faculty member at UC-Davis since 1987 and was the Chair of Mechanical Engineering Department from 1996 to 2001. His areas of current research include Intelligent Transportation Systems and Telematics, Mechatronics and Robotics, CAD, Design, Dynamics and Biomechanics.

Dr. Ravani received his BS degree Magna Cum Laude from Louisiana State University, Baton Rouge, LA in 1976; the MS degree from Columbia University in New York in 1978 and the Ph.D. degree from Stanford University, Stanford, CA, in 1982, all in Mechanical Engineering.