

SEMINAR

**Co-Sponsored by the University of California
Center on Economic Competitiveness in Transportation**

Tuesday, April 5, 2016

4:30 – 6:00 pm

(Refreshments 4:30 – 5:00pm)

McDonnell Douglas Engineering Auditorium

(UCI Map reference H8 and Building #311)

SOME PROMISING NEW TECHNOLOGIES FOR SMART MOBILITY AND SMART CITIES



**Professor Chris Hendrickson
Carnegie Mellon University**

Abstract

A variety of new technologies for infrastructure management are now reaching implementation stages. These new technologies will profoundly affect the management and performance of transportation and other metropolitan systems. Carnegie Mellon University initiated the inter-disciplinary Traffic21 Institute to deploy new transportation technologies in partnership with corporations and government agencies throughout Pennsylvania. A companion initiative, Metro21, is expanding this effort to include other metropolitan services. In this presentation, a variety of Traffic21 technologies will be presented, focusing on new technologies and implementation issues.

Chris Hendrickson is the Hamerschlag University Professor, Director of the Traffic21 Institute at Carnegie Mellon University, member of the National Academy of Engineering and Editor-in-Chief of the ASCE Journal of Transportation Engineering. His research, teaching and consulting are in the general area of engineering planning and management, including design for the environment, system performance, construction project management, finance and computer applications. He has co-authored seven books and published numerous articles in the professional literature. His education includes BS and MS degrees from Stanford University, a Philosophy degree in economics from Oxford University, and a Ph.D. from the Massachusetts Institute of Technology.