
Computer Science Colloquium

Challenges to Implementing “Smart” Technologies in Transportation and Logistics

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Wednesday, 8 March 2006
Olsen 311
Refreshments at 2:30, Talk from 3:00-4:00

In this presentation, Michael Dinning will describe challenges the Volpe Center has encountered in programs to implement innovative technologies in transportation and logistics. Mike will provide examples of projects involving several of the latest technologies in security and transportation, including: radio frequency tags, smart cards, biometrics, and digital behavioral video systems. Mike will stress the need to apply a “systems approach” to technology implementation programs, and will give examples of initiatives that were unsuccessful because of concerns about privacy and other non-technical issues. He will also describe several successful implementation programs, and will highlight some of the benefits from taking a systems approach. Finally, Mike will give examples of areas in need of additional research and development.

Bio: Mike Dinning is Executive Director of Business Development at the Volpe National Transportation Systems Center in Cambridge, MA. The Volpe Center is the national center for transportation research and innovation of the U.S. Department of Transportation. In his 29 years at the Volpe Center, Mike Dinning has directed a wide variety of programs to develop and implement advanced technologies for transportation security, intelligent transportation systems and improved logistics management.