

# THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS



AND



# THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS

Cordially invites you to our monthly luncheon meeting

- SPEAKER:** Mr. Daniel Duff, Chief Counsel and Vice President-Government Affairs,  
American Public Transit Association
- TOPIC:** Transportation Equity Act for the 21th Century
- PLACE:** UNIVERSITY CLUB, George Washington University  
Marvin Center, 3rd Floor  
800 21st Street, Washington, D.C.
- DATE/TIME:** TUESDAY, SEPTEMBER 8, 1998 - 11:30 a.m.
- PRICE:** \$15.00 CASH AT THE DOOR
- RESERVATIONS:** LOU SANDERS (202)898-4086  
LANG NGUYEN (202) 493-6349

## ABOUT THE SPEAKER AND THE SUBJECT:

TEA 21 represents a historic milestone in ground transportation legislation and funding. The American Public Transit Association (APTA) has been working diligently on behalf of the industry to insure the passage of the legislation and more recently to see to its effective implementation. Dan Duff will review the special features of the legislation and the consequences to the industry.

Dan is a graduate of Georgetown University and the University of Pittsburgh Law School. He previously served as Assistant Chief Counsel for the Federal Transit Administration and was Assistant General Counsel with the White House Counsel on Wage and Price Stability.

**Don't Forget: The next meeting will held on Tuesday, October, 6, 1998.**

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- SPEAKER:** Dr. Alan Rumsey, Senior Project manager  
Parson Transportation group
- TOPIC:** Communications Based Train Control
- PLACE:** UNIVERSITY CLUB, George Washington University  
Marvin Center, 3rd Floor  
800 21st Street, Washington, D.C.
- DATE/TIME:** TUESDAY, OCTOBER 13, 1998 - 11:30 a.m.
- PRICE:** \$15.00 CASH AT THE DOOR
- RESERVATIONS:** LOU SANDERS (202)898-4086  
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**ABOUT THE SPEAKER AND THE SUBJECT:**

Dr. Alan Rumsey has 25 years experience in all phases of rail transit system planning, design, implementation, test and commissioning with specific emphasis on state-of-the-art transit system developments, including sophisticated, real-time, communications-based train control (CBTC) systems. As a Senior Project Manager with the Parson Transportation Group, Dr. Rumsey is currently leading a multi-disciplined consulting team providing engineering services to New York City Transit (NYCT) to re-signal the Canarsie line with a CBTC system. He has also providing project oversight services for the FTA with respect to the BART Advanced Automatic Train Control Project and is chair of the IEEE Rail Transit Vehicle Interface Standards Committee, Working Group #2, responsible for establishing performance and functional requirement standards for communications-based train control systems. He obtained his doctorate from the University of Manchester, England in 1974 for research into the application of modern control techniques to transportation systems.

**Don't Forget:** The next meeting will held on Tuesday, November 10, 1998.

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**SPEAKER:** Marsha Scherr, Director, Business Development  
Intelligent Transportation Systems  
Orbital Sciences Corporation

**TOPIC:** **Potential Markets For its Technologies**

**PLACE:** UNIVERSITY CLUB, George Washington University  
Marvin Center, 3rd Floor  
800 21st Street, Washington, D.C.

**DATE/TIME:** TUESDAY, November 10, 1998 - 11:30 a.m.

**PRICE:** \$15.00 CASH AT THE DOOR

**RESERVATIONS:** LOU SANDERS (202)898-4086  
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## **ABOUT THE SPEAKER AND THE SUBJECT:**

Marsha Scherr is Director of Business Development in the Intelligent Transportation Systems Division of Orbital Sciences Corporation. Headquartered in Dulles, Virginia, the company designs, manufactures, operates and markets a broad range of affordable space infrastructure systems, satellite access products and satellite services. Orbital's ITS Division is based in Germantown, Maryland and is a leading system integrator of GPS-based fleet management applications.

Marsha has been involved in many facets of the ITS Program since initial legislation was passed in 1991. She has developed numerous national and regional ITS public policy and public awareness campaigns for the USDOT, ITS America, and State DOTs. Her current focus of ITS marketing and new business development is with the New York Metropolitan Region and the Mediterranean Basin. She holds a BA from Vassar College and a MBA from Marist College..

**Don't Forget: The next meeting will held on Tuesday, December 8, 1998.**

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- SPEAKER:** Kenneth Shield, PE  
Manager communications systems  
Raytheon Infrastructure, Inc.
- TOPIC:** "Hudson-Bergen Light Rail project  
Systems design and current project status"
- PLACE:** UNIVERSITY CLUB, George Washington University  
Marvin Center, 3rd Floor  
800 21st Street, Washington, D.C.
- DATE/TIME:** TUESDAY, December 8, 1998 - 11:30 a.m.
- PRICE:** \$15.00 CASH AT THE DOOR
- RESERVATIONS:** LOU SANDERS (202)898-4086  
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## ABOUT THE SPEAKER AND THE SUBJECT:

Kenneth Shields is currently involved in the design and development of the Hudson-Bergen Light Rail System(LRT) in the Northern New-Jersey. The Hudson-Bergen LRT project is the first "design build operate maintain" transit project in the United States. Raytheon is part of a team called 21<sup>st</sup> Century Rail that is under contract to NJ Transit to design and then operate this light rail system for 15 years. He is responsible for the communications systems design and for supervising the development of the Control Center Systems for this project. Kenneth has been with Raytheon Infrastructure (and one of its predecessor companies, Gibbs & Hill) for 8 years where he has been involved in communications and signal design projects. His previous assignment was Deputy Project Manager for the Washington Metro contract for which Raytheon has been providing signal and communications design and construction related services for the WMATA extensions. In addition, Kenneth has worked on transit projects for CDOT, MBTA and Metro North. He is a Professional Engineer and has an MEng and a BSEE from Cornell University.

**Happy new Year**

**Don't Forget: The next meeting will held on Tuesday, January 12, 1999.**

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