

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS AND THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS

Invite you to our monthly luncheon meeting.

SPEAKER: The Honorable Allan Rutter
Administrator, Federal Railroad Administration (FRA)

TOPIC: Goals and Direction of the FRA

PLACE: TGI Friday's
2100 Pennsylvania Avenue, NW
Washington, DC
(Across the street from the Marvin Center)

DATE/TIME: TUESDAY, January 8, 2002, 11:30 am

PRICE: \$15.00 CASH AT THE DOOR

RESERVATIONS: BRIAN CHADWICK 703-247-4489
LANG NGUYEN 202-493-6349

[Make your reservation by 4 PM on January 4, 2002]

ABOUT THE SPEAKER AND THE SUBJECT:



Appointed by President George W. Bush in 2001, Allan Rutter is the 10th Administrator to the Federal Railroad Administration (FRA). As FRA Administrator, Mr. Rutter leads the regulatory and enforcement agency responsible for promoting safe and successful rail transportation within the United States, and works to advance the policies of the Bush administration regarding freight and passenger rail.

Administrator Rutter has been involved in transportation policy development and implementation for almost 20 years. He helped develop transportation policy for the State of Texas serving as Transportation Policy Advisor for the then-Governor Bush and the current Governor, Rick Perry. In that role, he worked with the State and national industry groups, State and local elected officials and Federal agency administrators in

developing and implementing policy across all modes of transportation. Prior to joining Governor Bush in 1995, Administrator Rutter was Deputy Executive Director of the Texas High-Speed Rail Authority, served Texas Governors Bill Clements and Mark White as a senior analyst focussing on transportation issues in the Budget and Planning office, and was on the staff of the Texas House Transportation Committee.

Administrator Rutter earned a Masters Degree in Public Affairs from the L.B.J. School of Public Affairs at the University of Texas at Austin and his Bachelor degree from the University of Texas at Austin. He was born in Austin and currently resides in Manassas, VA with his wife and two daughters.

Our February meeting will be held on Tuesday, February 12, 2002, at TGI Friday's. John Harding of the Federal Railroad Administration will speak on the Mag Lev program.

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SPEAKER: Dr. John T. Harding
Chief Scientist, U.S. Department of Transportation

TOPIC: FRA Maglev Program

PLACE: TGI Friday's
2100 Pennsylvania Avenue, NW
Washington, D.C.
(Across the street from the Marvin Center)

DATE/TIME: TUESDAY, February 12, 2002, 11:30 am

PRICE: \$15.00 CASH AT THE DOOR

RESERVATIONS: BRIAN CHADWICK 703-247-4489
LANG NGUYEN 202-493-6349
[Make your reservation by 4 pm on Friday, February 8, 2002]

ABOUT THE SPEAKER AND THE SUBJECT:

Dr. Harding is Chief Scientist for the U.S. Department of Transportation-Federal Railroad Administration maglev program. His Ph.D. is in solid state physics from the California Institute of Technology. His Master's degree is in economics from the University of California, Berkeley. His varied career includes responsibility for development of a magnetically levitated superconducting gyroscope at the Caltech Jet Propulsion Laboratory, work on superconducting quantum interference devices at the Ford Motor Company Scientific Laboratory in Newport Beach, California, research in chemical vapor deposition at Ultramet in Los Angeles, as well as economic analysis of a modern coal fired steam locomotive for American Coal Enterprises in Akron, Ohio. He has been with FRA in Washington, D.C. from 1969-1976 and from 1990 to the present. He has acted as the U.S. counterpart for exchanges of data on maglev with Japan having made a number of trips to Japan previously in connection with the maglev program.

Dr. Harding will speak on the Federal Railroad Administration maglev program.

Our March meeting will be on Tuesday March 12, 2002 at TGI Friday's.

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SPEAKER: Thomas A. Till
Executive Director of the AMTRAK Reform Council

TOPIC: **Activities of the AMTRAK Reform Council!**

PLACE: TGI Friday's
2100 Pennsylvania Avenue, NW
Washington, D.C.
(Across the street from the Marvin Center)

DATE/TIME: **TUESDAY, MARCH 12, 2002, 11:30 am**

PRICE: \$15.00 CASH AT THE DOOR

RESERVATIONS: BRIAN CHADWICK 703-247-4489
LANG NGUYEN 202-493-6349

[Make your reservation by 4 pm on Friday, March 8, 2002]

ABOUT THE SPEAKER AND THE SUBJECT:

Thomas A. Till has served, since March of 1999 as Executive Director of the AMTRAK Reform Council. From 1992 through 1999 he served as manager of Reconstruction and Development for the Transport Policy Planning and Investment Projects in the former Soviet Union for the World Bank and the European Bank.

Prior to 1992, he held various positions in consulting and government, including study director of a Prospectus for Change in the Freight Railroad Industry and, from 1982 through 1985 Deputy Administrator of the Federal Railroad Administration. He is a Veteran of the US Air Force, holds degrees in law and political science from Georgetown University and holds a Bachelor of Science degree from the US Air Force Academy. He is a Texas native, and a long-time resident of Virginia.

He will report on the deliberations of the AMTRAK Reform Council pertaining to the future of AMTRAK.

Our March meeting will be on Tuesday April 9, 2002 at TGI Friday's. Ira Silverman will speak on the MARC / Frederick extension.

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SPEAKER: Ira Silverman
Chief Transportation Officer, MARC Train Services

TOPIC: **Commuter Rail in Maryland, Recent Developments
and Outlook for the Future**

PLACE: TGI Friday's
2100 Pennsylvania Avenue, NW
Washington, D.C.
(Across the street from the Marvin Center)

DATE/TIME: **TUESDAY, APRIL 9, 2002, 11:30 am**

PRICE: \$15.00 CASH AT THE DOOR

RESERVATIONS: BRIAN CHADWICK 703-247-4489
LANG NGUYEN 202-493-6349
[Make your reservation by 4 pm on Friday, March 8, 2002]

ABOUT THE SPEAKER AND THE SUBJECT:

The Washington metropolitan area faces ever-increasing congestion and sprawl. With funds for road construction limited, there has been an increased emphasis on the role of mass transit. As development moves further from the core, commuter rail has become an important component of the overall transportation package. MARC, an operating division of the Maryland Transportation Administration, has recently expanded service to Frederick, the second largest city in the State. Ira Silverman, Chief Transportation Officer for MARC will discuss recent trends in demand, challenges facing the system in the next decade and projects planned for implementation.

Mr. Silverman has spent his entire career in the railroad industry. In addition to MARC, he has held positions at the Illinois Central Railroad and almost 20 years with AMTRAK. His positions at these companies have been in finance, planning, marketing and most recently operations. He brings a broad overview to the problems facing the rail transportation industry.

Our May meeting will be on Tuesday, May 14, 2002 at TGI Friday's. Erich Kolig of Booz-Allen Hamilton will speak on the rail car rehabilitation program at WMATA.

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SPEAKER: Erich Kolig
Lead Mechanical Engineer, Capital Transit Consultants

TOPIC: **Vehicle Rehabilitation Project at WMATA**

PLACE: TGI Friday's
2100 Pennsylvania Avenue, NW
Washington, D.C.
(Across the street from the Marvin Center)

DATE/TIME: **TUESDAY, May 14, 2002, 11:30 am**

PRICE: \$15.00 CASH AT THE DOOR

RESERVATIONS: BRIAN CHADWICK 703-247-4489
LANG NGUYEN 202-493-6349
[Make your reservation by 4 pm on Friday, May 10, 2002]

ABOUT THE SPEAKER AND THE SUBJECT:

Erich Kolig has 8 years of rail vehicle/transportation experience. He started with Kaiser engineering in Maryland. During his 5 years with Kaiser he participated in the design and engineering phases of the M6 and Caltrans projects.

Currently, Mr. Kolig works for Booz Allen Hamilton's International and Infrastructure team. He has been with the firm for 3 years working on WMATA projects, with supporting work on MARC and VRE tasks. His primary responsibility is serving as the lead mechanical engineer for the WMATA 2000/3000 Series Vehicles Breda Overhaul. This project is part of the Capital Transit Consultants (CTC), which is the consortium into which WMATA organized all of its consultants for both civil and rail procurements. Mr. Kolig holds a degree in aerospace engineering.

Our June meeting will be on Tuesday, June 11 2002 at TGI Friday's. A representative of GE Transportation Systems, Global Signaling will speak on the AATC Communications Based Train Control System currently being implemented on the BART System.

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SPEAKER: Daryl W. Seck, Manager, Advanced Systems
GE Transportation Systems, Global Signaling

TOPIC: **Advanced Automatic Train Control (CBTC)**

PLACE: TGI Friday's
2100 Pennsylvania Avenue, NW
Washington, D.C.
(Across the street from the Marvin Center)

DATE/TIME: **TUESDAY, June 11, 2002, 11:30 am**

PRICE: \$15.00 CASH AT THE DOOR

RESERVATIONS: BRIAN CHADWICK 703-247-4489
LANG NGUYEN 202-493-6349
[Make your reservation by 4 pm on Friday, May 10, 2002]

ABOUT THE SPEAKER AND THE SUBJECT:

Daryl has been active in developing train control products and systems at GE Transportation Systems, Global Signaling for the past 12 years. He began his career at as a member of the team that designed the VHLC solid-state interlocking product. Daryl moved on to become manager of the Wayside Products Development group.

In 1995 Daryl became Director of R&D for the Grain Valley operations where he had responsibility for directing the R&D development and process improvement activities including Crossing Warning Systems, Wayside Train Control, Car borne Cab-Signal and Advanced Train Control Systems product groups.

Daryl has acted as Program Manager for the Advanced Automatic Train Control system under development with San Francisco Bay Area Rapid Transit District since 1998.

Daryl received a BSEE in 1982 from the University of Missouri Rolla and an MBA with an emphasis in Management in 1991 from Rockhurst College in Kansas City.

Our September meeting will be on Tuesday, September 10, 2002, location and speaker to be announced. See the Special Announcements on the back of the newsletter.

Special Announcements:

- During the June meeting, we plan to discuss the options for a location for next years meetings. Following the discussion, a vote will be taken and a decision will be made.

The options are as follows:

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SPEAKER: James W. Boone, Vice President Strategic Planning
Operations Response Institute, Inc.

TOPIC: GPS Derived Train Location Coordinates for Emergency
Responses to Rail Passenger Incidents

PLACE: NASSIF Building
400 7th Street NW (Room 6234/6/8)
Washington, DC 20590

DATE/TIME: TUESDAY, September 10, 11:30 am

PRICE: \$10.00 CASH AT THE DOOR

RESERVATIONS: BRIAN CHADWICK 703-236-2780
LANG NGUYEN 202-493-6349

[Make your reservation by 4 PM on Friday, September 6, 2002]

ABOUT THE SPEAKER AND THE SUBJECT:

Jim Boone is Operation Responds Vice President for Strategic Planning, and has extensive background and experience in rail and intermodal transportation operations and service design, transportation emergency preparedness, and military unit movement.

In 1970, Jim served as head of the Office of Economics and as Director of Industry Finance and Operations for the FRA. He was responsible for emergency preparedness and was the principal liaison with the Department of Defense. He served as co-chairman of the U.S.-Canada Railway Working Group.

Jim directed the USDOT Grain Movement Task Force in 1972-73, expanding the use of truck-rail intermodal grain loading stations in Iowa. Over 50 stations were built, revolutionizing the area's export grain transport to the Gulf. Jim also led a joint industry team of U.S. and Mexican rail carriers to expand rail export capacity at the border in the late 1970's. In 1983, his success in solving export grain transportation problems at the Port of Houston using a labor-management team was cited by the Joint Economic Committee of the U.S. Congress. Jim coordinated FRA activities during Operations *Desert Shield* and *Desert Storm* and in response to Hurricanes Andrew, Hugo, and Fran and the Midwest floods of 1993 and 1994. He also served as the Principal Rail Advisor to the Headquarters, U.S. Air Force Strategic Division and the Strategic Air Command, and as a member of the Contingency Response Team for the U.S. Army's Military Traffic Management Command.

Jim worked with Amtrak management and employee leaders to form Amtrak's first Emergency Response Training Task Force. He initiated the nation's first direct railroad-to-emergency responder computer linkages for hazardous material incidents in Houston. His work applying the Operation Respond concept to improving emergency response was the subject of editorials and articles in *Traffic World*, the National Fire Prevention Association's *NFPA Journal*, and the International Association of Fire Chiefs *On-Scene* magazine.

Jim holds degrees in economics and business administration and a Ph.D. in business logistics from the Pennsylvania State University. He is a member of the National Defense Transportation Association, and is a member of the National Advisory Committee of the Congressional Fire Services.

Our October meeting will be held on Tuesday, October 11, 2001, at NASSIF. Frederick R. Childs, of PATH will speak on the PATH rehabilitation project following September 11, 2001.

SEE REVERSE SIDE FOR DIRECTIONS TO NASSIF

Directions:

Take either Metro (Orange, Blue or Yellow Line) to L'Enfant Plaza Station. Exit Metro at D and 7th Street exit (Department of Transportation). At the top of the escalator you will be facing a fountain (See Figure 1). Enter the building at the security entrance behind the fountain to the right.

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SPEAKER: Fred Childs, Superintendent of Power, Signals & Communications
Port Authority Trans-Hudson Corp. (PATH)

TOPIC: PATH Rehabilitation at the World Trade Center
Following September 11, 2001

PLACE: NASSIF Building
400 7th Street SW (Room 6244/6/8)
Washington, DC 20590

DATE/TIME: **TUESDAY, October 8, 11:30 am**
Please Arrive Between 11:30AM and Noon

PRICE: \$10.00 CASH AT THE DOOR

RESERVATIONS: BRIAN CHADWICK 703-236-2780
LANG NGUYEN 202-493-6349

[Make your reservation by 4 PM on Friday, October 4, 2002]

ABOUT THE SPEAKER AND THE SUBJECT:

Fred Childs is Superintendent of Power, Signals and Communications at the Port Authority Trans-Hudson Corp. (PATH) in Jersey City, NJ, where he has worked for the past 5-1/2 years, starting as Senior Engineer and Project Manager for PATH's planned New Signaling Project.

Before joining PATH, Fred was a Project Engineer for SEPTA's Engineering and Construction Division, responsible for rail transit signal and communications capital projects.

Fred started his career with Penn Central/Conrail's C&S System Design office in Philadelphia, and then worked several years for consulting engineering firms, including work on several new start light rail transit systems.

Fred has a B.S. degree in Construction Management from Drexel University, and an earlier Liberal Arts degree from Temple University.

Our November meeting will be held on Tuesday, November 12, 2002, at NASSIF. Brian Scales will speak on the Swiss Railroad Project.

SEE REVERSE SIDE FOR DIRECTIONS TO NASSIF

Directions:

Take either Metro (Orange, Blue or Yellow Line) to L'Enfant Plaza Station. Exit Metro at D and 7th Street exit (Department of Transportation). At the top of the escalator you will be facing a fountain (See Figure 1). Enter the building at the security entrance behind the fountain to the right.

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Invite you to our monthly luncheon meeting.

- SPEAKER:** Brian Scales, P.E., Transportation Engineer
- TOPIC:** The Railways of Switzerland – Today and Tomorrow
- PLACE:** NASSIF Building
400 7th Street SW (Room 6200/2/6)
Washington, DC 20590
- DATE/TIME:** **TUESDAY, November 12, 11:30 am**
Please Arrive Between 11:30AM and Noon
- PRICE:** \$10.00 CASH AT THE DOOR

RESERVATIONS: BRIAN CHADWICK 703-236-2780
LANG NGUYEN 202-493-6349
BRAD LUSE 703-236-2779

[Make your reservation by 4 PM on Friday, November 8, 2002]

ABOUT THE SPEAKER AND THE SUBJECT:

Brian Scales is a Mechanical Engineer who is presently working on two high-speed rail projects. The first project is the design and development of a radial truck for high-speed passenger railcars, sponsored by the Federal Railroad Administration. The second project involves train performance for several proposed high-speed rail systems, in association with Transportation Economics and Management Systems, Inc.

The presentation will describe his visit last May to Switzerland with the Railway Division of the Institution of Mechanical Engineers. This one-week visit included a wide variety of transportation equipment, which will be described and shown, where possible. Several on-going Swiss high-speed rail projects will be covered.

Brian holds a B.S. from the University of London and a Ph.D. from the University of Surrey, both in Mechanical Engineering. He has fifty years experience with rail and other guided transportation systems. He is a Life Member of A.S.M.E. and the I. Mech. E. He is also a Research Associate of the Mineta Transportation Institute at San Jose State University.

Our December meeting will be held on Tuesday, December 10, 2002, at NASSIF. Ludwig M. Schoell (Max Boegl) and Huang Wei (Chinese Embassy) will give a joint presentation on the Maglev project in China.

SEE REVERSE SIDE FOR DIRECTIONS TO NASSIF

Directions:

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS AND THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS

Invite you to our monthly luncheon meeting.

SPEAKER: Mr. Huang Wei, 2nd Secretary, Office of Science & Technology
Chinese Embassy, USA
Mr. Ludwig M. Schoell, Business Development & Strategic
Manager Max Boegl Inc.

TOPIC: MagLev Project, Shanghai, China

PLACE: NASSIF Building
400 7th Street SW (Room 6244/6/8)
Washington, DC 20590

DATE/TIME: **TUESDAY, December 10, 11:30 am**
Please Arrive Between 11:30AM and Noon

PRICE: \$10.00 CASH AT THE DOOR

RESERVATIONS: BRIAN CHADWICK 703-236-2780
LANG NGUYEN 202-493-6349
BRAD LUSE 703-247-4491

[Make your reservation by 4 PM on Friday, December 6, 2002]

ABOUT THE SPEAKERS AND THE SUBJECT:

Mr. Wei is currently the 2nd Secretary of Science and Technology at the Chinese Embassy in the USA, His experience includes systems engineering at Nuclear Industrial Institute and engineering at the Guang Dong Nuclear Power Plant. He graduated from Hua Zong University with a Bachelors Degree in Engineering.

Mr. Schoell is currently working for Max Boegl Inc., a turnkey construction company developing technology on the hybrid maglev grinder and FF Boegl slab track. His experience includes business development, strategic management, sales and director of sales. He has introduced Max Boegl know-how plus consultant services as well as development of joint ventures and other new marketing possibilities in the USA. He graduated from Georg Simon Ohm University, Nurnberg, Germany with a B.S. in Mechanical Engineering.

The two speakers will provide a joint presentation on the progress and the planning of the Shanghai, China maglev transportation system.

Our January meeting will be held on Tuesday, January 14, 2003, at NASSIF room 6244. The topic will be the Norfolk Southern Commuter Rail System.

***NOTE – A coat was left at the last meeting. Please contact Lang Nguyen if it belongs to you.**

Directions:

Take either Metro (Orange, Blue or Yellow Line) to L'Enfant Plaza Station. Exit Metro at D and 7th Street exit (Department of Transportation). At the top of the escalator you will be facing a