THE INSTITUTE OF ELECTRICAL AND ELECTRONICS
ENGINEERS
AND
THE AMERICAN SOCIETY OF MECHANICAL
ENGINEERS
Invite you to our monthly luncheon meeting.

SPEAKER:  Bill Schafer, Director Corporate Affairs
Norfolk Southern Corporation

TOPIC:  Norfolk Southern Commuter

PLACE:  NASSIF Building
400 7th Street SW (Room 7204)
Washington, DC 20590

DATE/TIME:  TUESDAY, January 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, January 10, 2003]

ABOUT THE SPEAKERS AND THE SUBJECT:

Mr. Bill Schafer is a native of Maryland, whose railroad career began in 1967 with the Baltimore & Ohio Railroad in Baltimore.

After graduating from Davidson College in 1970, he joined the Southern Railway’s management training program, and progressed through positions in the Operating, Accounting, Purchasing and Strategic Planning departments.

Following the Conrail acquisition, Bill transferred to Philadelphia as Director – Corporate Affairs, where he helps to develop and administer Norfolk Southern’s passenger policy. He also coordinates existing and proposed passenger train operations with commuter and transit authorities, Amtrak, MPOs, and federal, state and local governments.

He lives in Paoli, Pennsylvania, with his wife, Linda; leisure time activities include travel, reading, and photography.

Our February meeting will be held on Tuesday, February 11, 2003, at NASSIF room 4438. Mr. Thomas Hoback of the Indiana Railroad Company will speak on Radio Controlled Switch Machines.

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: Thomas Hoback, President and Chief Executive Officer
Indiana Railroad Company

TOPIC: Radio Controlled Switch Machine

PLACE: NASSIF Building
400 7th Street SW (Room 4438)
Washington, DC 20590

DATE/TIME: TUESDAY, February 11, 11:30 am
Please Arrive Between 11:30AM and Noon (After Noon Phone 301-452-6139)

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, February 7, 2003]

ABOUT THE SPEAKERS AND THE SUBJECT:

Thomas G. Hoback founded The Indiana Rail Road Company in 1986 by acquiring 109 miles of railroad from the Illinois Central Railroad. In 1990 he acquired another 46 miles that today makes up the 155-mile Indiana Railroad System, a regional railroad based in Indianapolis.

Under his tutelage, traffic on the Indiana Railroad has grown from less than 12,000 carloads annually to nearly 100,000 carloads in 2001. The company employs over 80 people and has invested more than $25 million in capital projects, over the past six years, improving infrastructure industrial goods.

Hoback has helped the company successfully develop its traffic to include petroleum and petroleum products, appliances, grain, food products, scrap metal, building products and a wide variety of industrial goods.

Prior to founding the Indiana Railroad Company, Hoback was director of coal marketing for Illinois Central in Chicago. In that position he negotiated the rail industry’s first long-term coal transportation contract, which covered shipment of coal to Hoosier Energy for 20 years. Prior to joining Illinois Central, he held a number of key management positions with the Western Pacific Railroad in San Francisco.

Hoback has a Bachelor of Science degree in Transportation and Economics from Golden Gate University in San Francisco and is active on several boards, to prepare for future growth.

Our March meeting will be held on Tuesday, March 11, 2003, at NASSIF room 6200. Mr. Carl Berger will speak on Rail Transit Cars.
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SPEAKER: Karl W. Berger
Transportation Engineer, DCM, Inc.

TOPIC: Low-Floor Extensions to Light Rail Cars

PLACE: NASSIF Building
400 7th Street SW (Room 6200)
Washington, DC 20590

DATE/TIME: TUESDAY, March 11, 11:30 am
 Please arrive between 11:30AM and noon (After noon phone 301-452-6139)

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, March 7, 2003]

ABOUT THE SPEAKERS AND THE SUBJECT:

Karl Berger currently provides engineering consulting services to public transit operators. He holds a BS in Electrical Engineering from Carnegie Mellon University in Pittsburgh. As a propulsion system engineer at Westinghouse Transportation Division, he worked on the upgrade of the original PRR Metro Liner EMU cars and the development of advanced chopper propulsion systems. He was responsible for commissioning the first microprocessor controlled subway cars in Rio de Janeiro. After becoming a consultant, he wrote the light rail car specification for the Pittsburgh system and was responsible for the planning, design, and specification of a wide variety of railroad, rail transit, and automated people mover systems around the world. He is a registered engineer in Virginia and six other states.

Several European streetcar operators have added a new low-floor car body between articulation joints of existing cars with the objective of providing curb level boarding. Designs have included novel concepts such as fiberglass car bodies and single-axle bogies. An overview will be provided of modified cars in Cottbus, Gera, Nuremberg and Gothenburg and manufacturing of fiberglass car bodies in Switzerland and Germany. Some of these concepts are applicable to American practice and are under evaluation in Baltimore and Dallas.

Our April meeting will be held on Tuesday, April 8, 2003, at NASSIF room 4438. The speaker and topic to be announced.

Directions:
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SPEAKER: Naor Wallach
        Director, CBTC Systems, Alstom Signaling Inc.

TOPIC: CBTC Concepts, Technology and Projects

PLACE: NASSIF Building
        400 7th Street SW (Room 4438-40)
        Washington, DC 20590

DATE/TIME: TUESDAY, April 8, 11:30 am
            Please Arrive Between 11:30AM and Noon (After Noon Phone 301-452-6139)

PRICE: $15.00 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, April 4, 2003]

ABOUT THE SPEAKERS AND THE SUBJECT:

Mr. Wallach has been involved in the development of software-based systems for the past 20 years. He joined ALSTOM in 1999 to take on the role of Project Manager of the ELSIE Grade Crossing project, which was conducted on the Long Island Railroad. Since the successful conclusion of that project, Mr. Wallach has taken on the role of ALSTOM’s Director of CBTC systems and was responsible for the development of ALSTOM’s CBTC projects worldwide. Due to the expected growth of the CBTC market in the U.S., Mr. Wallach is now responsible for all CBTC project in North America.

Mr. Wallach has degrees in Electrical Engineering, Computer Engineering, and an MBA from the Simon School at the University of Rochester. He is active in IEEE, IRSE and APTA professional activities.

Our May meeting will be held on Tuesday, May 13, 2003, at NASSIF room 4438. The speaker and topic to be announced.
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SPEAKER: Robert J. Verhelle
Deputy Chief Engineer Electric Traction for Amtrak

TOPIC: Amtrak Electrification System

PLACE: NASSIF Building
400 7th Street SW (Room 6200)
Washington, DC 20590

DATE/TIME: TUESDAY, May 13, 11:30 am
Please Arrive Between 11:30AM and Noon (After Noon Phone 301-452-6139)

PRICE: $12.00 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, May 9, 2003]

ABOUT THE SPEAKERS AND THE SUBJECT:

Bob has a BS in Electrical Engineering from Lawrence Institute of Technology (now known as Lawrence Technological University). Since graduating in 1976, Bob has held various engineering positions with increasing responsibility with Conrail, Metro North, and Amtrak, from supervisor to Chief Engineer of Electric Traction. In these positions he has been involved with the design and construction and commissioning of the Center City Tunnel and Air Port High Speed line electrification in Philadelphia, replacing the rotary DC converters with solid state rectifiers on the Hudson and Harlem lines for Metro North, Northeast Corridor Improvement Projects on Amtrak which included new 25 Hz conversion substations at Jericho Park, Sunnyside, and Richmond, Northeast Electrification Project and Deputy Project Manager for Parsons on the Preliminary Engineering of the Caltrain Electrification Project from San Francisco to Gilroy California. He currently is Deputy Chief Engineer Electric Traction for Amtrak. He is a member and past Chairman of AREMA Committee 33 and participates in the North American Traction Power Committee.

Our May meeting will be held on Tuesday, June 10, 2003, at NASSIF (room #3200-02). The speaker will be David Hughes of AMTRAK and he will discuss the future of AMTRAK.
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SPEAKER: David Hughes
Chief Engineer
Amtrak

TOPIC: Amtrak Goals

PLACE: NASSIF Building
400 7th Street SW (Room 6200)
Washington, DC 20590

DATE/TIME: TUESDAY, June 17, 11:30 am
Please Arrive Between 11:30 AM and Noon (After Noon Phone 301-452-6139)

PRICE: $12.00 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, June 13, 2003]

ABOUT THE SPEAKERS AND THE SUBJECT:

David Hughes joined Amtrak in September 2002 as Chief Engineer. Prior to joining Amtrak, he spent 16 years in private consulting practice advising railroad owners and investors in North America and 35 countries about infrastructure investment and operations. He was president of Pandrol Inc., supplier of rail fastenings to Amtrak and other railroads and Speno Rail services, a rail grinding and ballast cleaning company. He served as President of a Regional railroad, and Chief Engineer of the Boston and Maine railroad during the rehabilitation of Eastern railroads in the late 1970’s. He is a registered professional engineer, and a founder and past Chairman of Regional Railroads of America and Chairman of the Maine Chamber of Commerce. He is a graduate of the University of Texas and the Harvard Business School.

Any participation in the planning of next year’s meetings will be greatly appreciated. The planning meeting will be held on July 1, 2003 at 11:00 AM with the location to be announced.
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SPEAKER: Michael De Pallo
Director/General Manager
Port Authority Trans-Hudson (PATH)

TOPIC: PATH Rehabilitation

PLACE: NASSIF Building
400 7th Street SW (Room 6200)
Washington, DC 20590

Date/Time: Tuesday, October 14, 11:30 am
Please Arrive Between 11:30 AM and Noon (After Noon Phone 703-915-2828)

PRICE $15.00 CASH AT THE DOOR

RESERVATIONS: BRIAN CHADWICK 703-236-2780
LANG NGUYEN 202-493-6349
GENE COX 202-493-6139
(Make your reservations by 4 PM on Friday, Oct. 10, 2003)

ABOUT THE SPEAKER AND THE SUBJECT:
Michael P. De Pallo became the Director/General Manager of Port Authority Trans
Hudson (PATH) in April 1996. Significant prior experience includes nearly 20 years of
progressively responsible positions with the Bay Area Rapid Transit District (BART)
located in Oakland, California, the Massachusetts Bay Transportation Authority (MBTA),
Boston, Massachusetts, and the Southeastern Pennsylvania Transportation Authority
(SEPTA), Philadelphia, Pennsylvania. He is active in the American Public Transportation
Association (APTA), currently serves as Chair of the Rail Transit Committee and the Rail
Transit CEO Subcommittee. He holds a Masters Degree in City Planning with a focus on
public transportation from the University of Pennsylvania.
Mr. De Pallo will share with us the challenges posed by September 11, 2001 and the
rehabilitative progress being achieved.

The next meeting is scheduled on November 18th in Room 6200. The speaker will be
announced
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SPEAKER: GEOFFREY P HUBBS
Director, New Technology Signals in Capital Program Management
New York City Transit

TOPIC: Communications Based Train Control -
NYCT's Canarsie Line Project - an update

PLACE: NASSIF Building
400 7th Street SW (Room 6200)
Washington, DC 20590

Date/Time: Tuesday, November 18, 11:30 am
Please arrive between 11:30 am and Noon (after Noon Phone 703-915-2828)

PRICE: 15.00 CASH AT THE DOOR

RESERVATIONS: BRIAN CHADWICK 703-247-4489
LANG NGUYEN 202-493-6349
BRAD LUSE 703-247-4491
GENE COX 202-493-6319

(Make your reservations by 4PM on Friday, Nov. 14, 2003)

ABOUT THE SPEAKER:
Geoffrey P. Hubbs is currently Director, New Technology Signals in Capital Program Management at New York City Transit and has held that position since August 1996. He is primarily responsible for management of the design portion of NYCT's Canarsie Line Communications Based Train Control Project. Prior to coming to NYCT, he was Manager -Signals & Communications for Bi-State Transit in St. Louis, where he managed the cab signal communication and construction contracts for their light rail system. Previously he was Engineer-Planning for New Jersey Rail Transit managing consultant design, system contracts and standards. He began his career as a Management Trainee for Conrail and held several field supervisory and construction management positions. Mr. Hubbs holds a BSEE from Rensselaer Polytechnic Institute, an IEEE member and is an active in RTVISC Working Group 2.

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Invite you to our monthly luncheon meeting.

SPEAKER: Louis S. Thompson, Principal Engineer
Thompson, Gleason and Associates, LLC

TOPIC: The Russian Railroad System

PLACE: NASSIF Building
400 7th Street SW (Room 6200)
Washington, DC 20590

DATE/TIME: TUESDAY, December 9, 11:30 am
Please Arrive Between 11:30AM and Noon (After Noon Phone 703-915-2828)

PRICE: $15.00 CASH AT THE DOOR

RESERVATIONS: BRIAN CHADWICK 703-247-4489
Gene Cox 202-493-6319
LANG NGUYEN 202-493-6349
BRAD LUSE 703-247-4491

[Make your reservation by 4 PM on Friday, Dec 5, 2003]

ABOUT THE SPEAKERS AND THE SUBJECT:
Mr. Thompson has worked with the Badger Co. Inc, Cambridge, MA as Project Engineer in
design and construction of industrial plants. He worked 5 years with Policy and Budget Analyst
in the Office of the Secretary, US. Department of Transportation, as a member of the team that
created Amtrak. He reviewed and refocused the Northeast Corridor Transportation Report (the
original basis for the Northeast Corridor Project). He helped write the Regional Railroad
Revitalization ("3R") Act of 1973. He has 5 years as an economic consult with Richard J. Barber
Associates, Washington, DC as the firm's practice was concentrated in economic and financial
issues associated with transport regulation, particularly rail, and anti-trust issues. His 8 years
experience at the Federal Railroad Administration, US DOT include: 1) Director, Northeast
Corridor Improvement Project, 2) Associate Administrator for Intercity Services, 3) Associate
Administrator and Passenger and Freight Services, 4) Acting Associate Administrator for Policy
and 5) Acting Deputy Administrator. He worked for the World Bank as the Railways Adviser
between October 1986 and June 2003. He was responsible for reviewing the Bank's entire
railway lending activities for countries throughout the world most recently focusing on the
railway restructuring (with eventual private involvement) in China, Russia and India. He was
awarded World Bank President's Award for Excellence for leading the concessioning of
railways. He is presently a consultant with Thompson, Galenson and Associates, working with
the World Bank Group as well as commercial clients on railway and transport issues. He has
been nominated to be Member, Amtrak Board of Directors.

Our January meeting will be held on Tuesday, January 13, 2003 at NASSIF (room 3200). The subject and speaker to be