

# 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 7<sup>th</sup> 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 7<sup>th</sup> 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.

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

Invite you to our monthly luncheon meeting.

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

**TOPIC:** Radio Controlled Switch Machine

**PLACE:** NASSIF Building  
400 7<sup>th</sup> 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.

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

Invite you to our monthly luncheon meeting.

**SPEAKER:** Karl W. Berger  
Transportation Engineer, DCM, Inc.

**TOPIC:** Low-Floor Extensions to Light Rail Cars

**PLACE:** NASSIF Building  
400 7<sup>th</sup> 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:*

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

Invite you to our monthly luncheon meeting.

- SPEAKER:** Naor Wallach  
Director, CBTC Systems, Alstom Signaling Inc.
- TOPIC:** CBTC Concepts, Technology and Projects
- PLACE:** NASSIF Building  
400 7<sup>th</sup> 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, May13, 2003, at NASSIF room 4438. The speaker and topic to be announced.

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

Invite you to our monthly luncheon meeting.

- SPEAKER:** Robert J. Verhelle  
Deputy Chief Engineer Electric Traction for Amtrak
- TOPIC:** Amtrak Electrification System
- PLACE:** NASSIF Building  
400 7<sup>th</sup> 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, Northend 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 7<sup>th</sup> Street SW (Room 6200)  
Washington, DC 20590

**DATE/TIME:** **TUESDAY, June 17, 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, 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 10 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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Invite you to our luncheon meeting.

**SPEAKER:** Michael De Pallo  
Director/General Manager  
Port Authority Trans-Hudson (PATH)

**TOPIC:** PATH Rehabilitation

**PLACE:** NASSIF Building  
400 7<sup>th</sup> 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 18<sup>th</sup> 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 7<sup>th</sup> Street S W (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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# THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS AND THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS

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 7<sup>th</sup> 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