



THE INSTITUTE OF
ELECTRICAL AND
ELECTRONICS
ENGINEERS, INC.

VEHICULAR TECHNOLOGY SOCIETY

LAND TRANSPORTATION COMMITTEE

Tuesday, January 10, 1989

Social Hour:
11:30 AM

Subject: Baltimore LRV Project

Lunch:
12:00 PM

Speaker: Dr. Peter J. Schmidt

Place: Marvin Center, 3rd Floor
George Washington University
800 - 21st Street, NW
Washington, DC

Contact: Jerry Hott 785-1351 or
Lou Sanders 301-266-4685
for reservations before
Friday, January 6, 4 PM

Peter J. Schmidt is a recognized industry authority in the field of rail transit systems engineering. He has served the MTA in capacities of increasing importance leading to his present assignment as Assistant General Manager, Maryland Mass Transit Administration. His topic is particularly timely in that the MTA is presently in the equipment procurement phase of the Baltimore LRV project. Dr. Schmidt, who possesses a varied background in engineering and the physical sciences, received his Ph.D. from Princeton University.

A handwritten signature in black ink, appearing to read "Lou Sanders", with a long horizontal flourish extending to the right.

Louis F. Sanders
Secretary-Treasurer



THE INSTITUTE OF
ELECTRICAL AND
ELECTRONICS
ENGINEERS, INC.

VEHICULAR TECHNOLOGY SOCIETY
LAND TRANSPORTATION COMMITTEE

Tuesday, March 14, 1989

Social Hour:

11:30

Subject: Rail Passenger Improvements on the
New York/Boston Corridor

Lunch:

12:00

Speaker: Mr. David Ewing

Place: Marvin Center, 3rd Floor
George Washington University
800 - 21st Street, NW
Washington, DC

Contact: Jerry Hott, 785-1351, or
Lou Sanders, (301) 266-4685
for reservations before
Friday, March 10, 1989, 4 PM.

Description and Biographical Information:

Mr. Ewing, who represents the Coalition of Northeast Governors (CONEG), will discuss proposed service improvements on the New York/Boston rail corridor. His topics will include: studies conducted, equipment testing and the search for funding sources.

A handwritten signature in black ink, appearing to read "Louis Sanders", is written over a horizontal line.

Louis F. Sanders



THE INSTITUTE OF
ELECTRICAL AND
ELECTRONICS
ENGINEERS, INC.

VEHICULAR TECHNOLOGY SOCIETY
LAND TRANSPORTATION COMMITTEE

Tuesday, April 11, 1989

Social Hour:
11:30 AM

Subject: The Future of Light Rail in Maryland

Lunch:
12:00 PM

Speaker: Mr. Paul J. Wiedefeld

Place: Marvin Center, 3rd Floor
George Washington University
800 - 21st Street, NW
Washington, DC

Contact: Jerry Hott, 785-1351, or
Lou Sanders, (301) 266-4685
for reservations before
Friday, April 7, 1989, 4 PM.

Description and Biographical Information:

Mr. Wiedefeld, of the Office of the Secretary of Transportation for the State of Maryland, will discuss the findings of the preliminary study and plans as part of the Commuter Assistance Study undertaken by the Maryland State Highway, Railroad and Mass Transit Administrations. Mr. Wiedefeld manages the Department's statewide Commuter Assistance Study.



Louis F. Sanders



THE INSTITUTE OF
ELECTRICAL AND
ELECTRONICS
ENGINEERS, INC.

VEHICULAR TECHNOLOGY SOCIETY
LAND TRANSPORTATION COMMITTEE

Tuesday, May 9, 1989

Social Hour:
11:30 AM

Subject: Review of Urban Rail Systems

Lunch:
12:00 PM

Speaker: Mr. Robert L. Banks

Place: Marvin Center, 3rd Floor
George Washington University
800 - 21st Street, NW
Washington, DC

Contact: Jerry Hott, 785-1351, or
Lou Sanders, (301) 266-4685
for reservations before
Friday, May 5, 1989, 4 PM.

Description and Biographical Information:

Mr. R. L. Banks, President of R.L. Banks and Associates, will discuss policy, funding, technical, and coordination issues concerning Light Rail and Commuter Rail Systems in the Maryland, Virginia, and District region.

SPECIAL NOTICE TO IEEE WASHINGTON SECTION
LAND TRANSPORTATION COMMITTEE MEMBERS

May is election month. Please be prepared to attend or return this ballot considering the following:

<u>POSITION</u>	<u>INCUMBENT</u>	<u>OTHER NOMINATION</u>
Chairman	Mr. Gerald Hott	_____
Vice Chairman	_____	_____
Sec. Treasurer	Mr. Lou Sanders	_____


Louis F. Sanders



THE INSTITUTE OF
ELECTRICAL AND
ELECTRONICS
ENGINEERS, INC.

VEHICULAR TECHNOLOGY SOCIETY
LAND TRANSPORTATION COMMITTEE

Tuesday, June 13, 1989

Social Hour:
11:30 AM

Subject: ATCS Communications System Architecture
and Protocols

Lunch:
12:00 PM

Speaker: Mr. Robert Ayers

Place: Marvin Center, 3rd Floor
George Washington University
800 - 21st Street, NW
Washington, DC

Contact: Jerry Hott, 785-1351, or
Lou Sanders, (301) 266-4685
for reservations before
Friday, June 9, 1989, 4 PM.

Description and Biographical Information:

The Architecture of Data Communications Component of the Advanced Train Control System will be described. The Architecture is based on the open systems interconnect seven layer model, and provides for the delivery of both vital and nonvital data.

Mr. Ayers graduated from the University of Virginia with a BSEE in 1979 and from Boston University with a masters degree in science in business administration in 1982. During the last six years, while employed at Rockwell and the ARINC Companies, Mr. Ayers has been involved in requirements definition, design, operation and testing of communications, command and control systems for the airline, railroad, and nuclear power industries.

A handwritten signature in black ink, appearing to read "Louis F. Sanders", written over a horizontal line.

Louis F. Sanders

Land Transportation Division, Institute of Electrical & Electronic Engineers
and the
Railroad Division, American Society of Mechanical Engineers

ANNOUNCE THE 1989-1990 SEASON OF TECHNICAL LUNCHEON SEMINARS
TO BE HELD THE SECOND TUESDAY OF EACH MONTH

TUESDAY SEPT. 12, 1989

Subject: Hot Box Simulator for Railroad Industry Application
Speaker: Robert A. Carter, Director Electronic & Communication
Engineering, Consolidated Rail Corp.
Place: George Washington University Club, Marvin Center 3rd floor,
800 21st St. NW, Washington, DC (near Foggy Bottom Metro stop)
Time: 11:30 am attitude adjustment, lunch Noon, then speaker
Contact: G. J. Hott (202) 785-1351 R. W. McKnight (301) 565-0928
Raul Bravo (703) 425-6059
PLEASE CALL NO LATER THAN FRIDAY September 8, 1989
Reservations must be made. Price is \$15 cash only.

Mr. Carter will describe ConRail's hot box simulator car which helps keep the railroad's hot box detectors operating properly. The car is periodically operated in trains passing CR's hot box detectors and with its calibrated heat sources can check a detector's ability to properly scan passing journals.

Mr. Carter has been an electrical engineer with ConRail since 1977, which includes two years' field experience as a Signal Supervisor. He returned to Philadelphia headquarters in 1984 as Senior Electronic Engineer and was promoted to Director Electronic & Communications Engineering in May 1988. His primary responsibility over his career has been electronic equipment, defect detectors, scales and communications equipment including two-way radio and microwave. He received a Bachelor of Science degree in Electrical Engineering Technology from Trenton State University of New Jersey in 1976.

KEEP YOUR TUESDAY'S OPEN; NAMELY OCT. 10, NOV. 14, DEC. 12, 1989

OCTOBER 10, 1989

SUBJECT: RAILROAD RESEARCH- PRESENT AND FUTURE
SPEAKER: GEORG H. WAY, JR., VICE PRESIDENT RESEARCH & TEST DEPT.
ASSOCIATION OF AMERICAN RAILROADS

NOVEMBER 14, 1989

SUBJECT: COMMUTER RAIL SERVICE IN MARYLAND- PAST, PRESENT & FUTURE
SPEAKER: GEORGE PAYNE, ASSISTANT DIRECTOR PASSENGER SERVICE
STATE RAILWAY ADMINISTRATION
MARYLAND DEPARTMENT OF TRANSPORTATION

PS- CALL NOW FOR THE SEPT. 12 MEETING

Railroad Research- Present and Future

GEORGE H. WAY, JR., VICE PRESIDENT RESEARCH & TEST, ASSOCIATION OF AMERICAN RAILROADS, WILL DISCUSS THE RESEARCH BEING CONDUCTED BY THE AAR FOR AMERICA'S RAILROADS AT THE OCTOBER 10, 1989 MEETING OF THE LAND TRANSPORTATION DIVISION OF THE VEHICULAR TECHNOLOGY SOCIETY OF IEEE.

TUESDAY OCT. 10, 1989

Place: George Washington University Club, Marvin Center
3rd floor, 800 21st St, NW, Washington, DC
(near Foggy Bottom Metrorail station).

Time: Attitude Adjustment 11:30 am, Lunch at Noon, then
the talk by George Way.

Contact: G. A. Hott (202) 785-1351 or
R. W. McKnight (301) 565-0928

PLEASE CALL NO LATER THAN FRIDAY OCTOBER 6, 1989
Reservations must be made. Price is \$15 cash only

Mr. Way is a graduate of Princeton University receiving his Bachelor of Science in Engineering degree in 1952. He joined the Pennsylvania Railroad and worked in the engineering and test departments. In 1966, he went with the Chessie System in a test department capacity. He joined the Association of American Railroads Research & Test Department in 1973. Four years later he was appointed assistant vice president. In 1982, Mr. Way became Senior Assistant Vice President and in July 1985 was elected Vice President R&T, AAR.

Keep Your Tuesdays Open for future meetings:

Nov. 14, Dec. 12, Jan. 8, Feb. 13, Mar. 13,
Apr. 10, May 8, and June 12, 1990.

These technical luncheon seminars are sponsored by the Land Transportation Division, Vehicular Technology Society of the Institute of Electrical & Electronics Engineers and the Railroad Division of the American Society of Mechanical Engineers.

All meetings are held at the George Washington University Club, Marvin Center (3rd floor) at 800 21st St. NW, Washington, DC.



THE INSTITUTE OF
ELECTRICAL AND
ELECTRONICS
ENGINEERS, INC.

VEHICULAR TECHNOLOGY SOCIETY

LAND TRANSPORTATION COMMITTEE

Tuesday, November 14, 1989

Social Hour:
11:30 AM

Subject: Commuter Rail Service in Maryland

Lunch:
12:00

Speaker: Mr. George Payne, Maryland DOT

Place: Marvin Center, 3rd Floor
George Washington University
800 - 21st Street, NW
Washington, DC

Contact: Jerry Hott, 785-1351, or
Lou Sanders, (301) 266-4685
for reservations before
Friday, November 10, 1989, 4 PM.

Description and Biographical Information:

Mr. Payne is the Assistant Director, Passenger Services for the State Railroad Administration, Maryland Department of Transportation. He has held positions of increasing responsibility with AMTRAK, freight railroads and the Maryland Department of Transportation. A graduate of Adrian College and Western Michigan University, Mr. Payne has been responsible for major procurements on behalf of the Maryland State Railroad Administration.

The Maryland DOT owns and operates 11 diesel-electric locomotives, 4 electric locomotives, 17 RDCs and 50 coaches. It carries an average of 13,000 people daily on 50 trains over B&O (now CSX) and AMTRAK lines in the Baltimore-Washington corridor. Service will next be expanded to Perryville, MD.

A handwritten signature in black ink, appearing to read "Louis Sanders", with a long horizontal flourish extending to the right.

Louis F. Sanders



THE INSTITUTE OF
ELECTRICAL AND
ELECTRONICS
ENGINEERS, INC.

VEHICULAR TECHNOLOGY SOCIETY
LAND TRANSPORTATION COMMITTEE

DECEMBER 12, 1989

Social Hour: 11:30 AM
Subject: New York Air Brake
Microprocessor Controlled Brake Value

Lunch:
Speaker: Mr. Tom Engle

Place: Marvin Center, 3rd Floor
George Washington University
800 - 21st Street, NW
Washington, DC

Contact: Jerry Hott 785-1351, or
Lou Sanders (202) 858-4685
for reservations before
Friday, December 8, 4PM

BIOGRAPHICAL DESCRIPTION:

Mr. Engle graduated from the Henry Ford Trade School in Dearborn, Michigan, in 1952 as a Toolmaker. Received his Bachelor of Science Degree in 1960 from Wayne State University as a Mechanical Engineer and has continued his education with post graduate studies in engineering, management and computer subjects.

He began his railroad career with the Rock Island in 1956. From there, he went to the New York Central, and in 1962, he moved to the Chesapeake and Ohio.

In 1966, he began his career with the New York Air Brake Company in the Engineering Department as Senior Project Engineer and was promoted to Supervisor of Advanced Engineering in 1969. In 1975, he became Manager of Mass Transit Marketing and was promoted to General Manager, New Product Development in 1983. His work includes numerous inventions and publications in the Integral Train field, and he has over 40 patents including power car construction as well as braking and control devices.

Mr. Engle will discuss current developments with microprocessor controlled brake values at NYAB.