

**THE INSTITUTE OF ELECTRICAL/ELECTRONICS ENGINEERS
AND
THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS
National Capital Land Transportation Committee
Invite You To Our Monthly Luncheon Meeting
Thursday March 20, 2008, 11:30 am**



Speaker: Karl Berger
Vice President
DCM, Inc., Centreville, VA

Topic: Driving Polish Steam Locomotives

Place: American Public Transportation Association
Conference Room - 11th Floor
1666 K Street, NW, Washington, DC

Red Line: Farragut North (K Street Exit)
Orange/Blue Lines: Farragut West (17th Street Exit)

Date/Time Thursday, March 20, 2008, 11:30 am
NOTE DATE CHANGE!

Lunch: \$15 cash at the door.

Reservations: Ken Briers ken.briers@parsons.com 202-775-3397
Karl Berger karl.berger@dcm-va.com 703-803-7917
(Reservations by 4:00 PM Monday March 17)



ABOUT THE SPEAKER:

ABOUT THE TOPIC:

Karl Berger will make a multi-media presentation on his recent experience as a steam locomotive driver of revenue service trains in Poland. Wolsztyn is the center of a network of lines offering the last regularly scheduled standard gauge steam powered trains in the world. He will explain why steam operation continues and what the future may bring. The presentation will illustrate some steam locomotive basics and will include video and pictures from his experience.

Karl Berger specializes in rail vehicle design. He is a noted expert on electric propulsion systems and was responsible for commissioning the world's first microprocessor-based propulsion system on the Rio de Janeiro Metro. He was an early advocate of ac inverter drive and wrote the Cost and Reliability Data Base under UMTA sponsorship that paved the way for the now universal acceptance of ac drive. He currently serves as the Independent Engineering Consultant to the Board of Directors of the New York Metropolitan Transit Authority for all rolling stock purchases at the Long Island Rail Road and Metro North. He recently completed system design of the SEPTA Silverliner V EMUs for Rotem and continues to provide engineering support to the Maryland Transit Administration for light rail, metro, bus, and commuter rail operations.

Mr. Berger started his career as a design engineer for Westinghouse Transportation Division in East Pittsburgh. An early assignment was the upgrading of the propulsion system on Penn Central Metroliner EMU cars for which he received a patent. As a consultant he has been involved in a wide range of transit system design including dual-mode trolley buses and locomotives, automated people mover systems, diesel and electric locomotive overhaul, and development of light rail and commuter rail car specifications. He won the Windows World Open sponsored by Microsoft for his development of the first Windows-based train performance program.

Karl holds a BS in Electrical Engineering from Carnegie Mellon University. He is a licensed Professional Engineer in seven states, a member of the ASME, International Association of Railway Operating Officers, APTA and the National Association of Railroad Passengers, a Senior Member of the IEEE, and a member of the Rockhill Trolley Museum. He resides in Centreville, Virginia with his wife and son now attending college.



NEED MORE INFORMATION? CALL AN OFFICER!

Chairman: Karl Berger, P.E. Karl.berger@dcm-va.com 703-803-7917
Vice Chairman: Martin Schroeder, P.E. mschroeder@apta.com 202-496-4885
Secretary-Treasurer: Ken Briers ken.briers@parsons.com 202-775-3397



IEEE/ASME National Capital Land Transportation Committee MAILING LIST

- Please check the mailing label and provide any necessary corrections.
- If you would like to receive your notice by e-mail, contact Karl Berger at karl.berger@dcm-va.com.



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FUTURE MEETINGS:

NOTE: All Dates are THURSDAY!

April 10—Brian Scales—Bi-Lo Track Concept

May 15—TBD

June 5—Martin Schroeder—Energy, Environment and Transit

See more about the Land Transportation Committee at our website:

<http://www.ieee.org/dc-ltc>

IEEE/ASME National Capital Land Transportation Committee SPECIAL NOTES:

- **Membership in the ASME or IEEE is not required. There are no dues.**
- Guests are always welcome; bring an associate !
- Tell us of other associates to be placed on the meeting announcement list! Give us their names and e-mail addresses.
- We are always looking for programmatic development; your suggestions please!

**IEEE/ASME
Land Transportation Committee
5667 Stone Road #465
Centreville, VA 20120**



FIRST CLASS