
POLISH-AMERICAN ENGINEERS ASSOCIATION

FOUNDED



IN 1934

6615 West Irving Park Road, Suite 202, Chicago, Illinois 60634, USA • www.polishengineers.org

Michael Niedzinski
President

All members, families and friends of Polish-American Engineers Association are cordially invited to attend our November 2008 meeting.

Jan Plachta
Vice President

DATE: **Friday, November 21, 2008**

Walter Rymysza
Vice President

TIME: **7:30 – 8:00 pm Social time**
8:00 pm – Business and Technical Session

Jacek Zaworski
Secretary

PLACE: **Copernicus Center**
5216 West Lawrence Ave.
Chicago, Illinois

Richard Kaczmarek
Treasurer

SPEAKER: **Danielle D. Kleinmans, Ph.D., P.E.**
Senior Engineer and Group Manager for Structural Engineering and Mechanics
CTLGroup in Skokie, IL.

Roman Korczak
Financial Secretary

TOPIC: **Monitoring and Instrumentation of the Huey P. Long Bridge**

The Huey P. Long Bridge in Jefferson Parish, Louisiana is a cantilevered steel through truss bridge that carries a two-track railroad line over the Mississippi River with two 9-ft lanes of US 90 on each side of the central tracks. For the past several years the bridge was slated for expansion by the Louisiana Department of Transportation and Development. The expansion includes widening of the existing bridge to three 11-ft lanes with shoulders in each direction. As part of the contract specifications for the bridge widening, a comprehensive truss monitoring program was required.

This presentation describes the truss monitoring program consisting of over 800 strain gages incorporated into both static and dynamic monitoring systems. The program also required measurement of existing eyebar forces through vibration methods and scheduled load tests to calibrate the monitoring systems. Data from the monitoring system are reviewed on a daily basis to verify as-designed construction loading to keep the bridge open to rail and vehicular traffic throughout the construction process.

Danielle D. Kleinmans, Ph.D., P.E., is a Senior Engineer and Group Manager for Structural Engineering and Mechanics at CTLGroup in Skokie, IL. Before joining CTLGroup in 2006, she served as a structural design engineer with Modjeski and Masters, Inc., in Harrisburg, PA. Danielle obtained her Ph.D. from the University of Missouri-Rolla (now the Missouri University of Science and Technology) and is a licensed professional engineer in three states. Danielle has eight years of structural engineering experience, focused on the design and construction of bridges and on the use of fiber-reinforced materials for structural applications. For the Huey. P Long Bridge truss monitoring program, she has been project manager for the load test and other portions of the project.

A business meeting will precede the technical presentation. Coffee and pastries will be served during the intermission.

SPECIAL INVITATION for Polish engineers and technicians who recently came to Chicago.

39th POLISH AMERICAN HERITAGE AWARD BANQUET was held on Sunday, October 26, 2008 at the Avalon Banquets, 1905 East Higgins Road, Elk Grove Village, Illinois. This was a celebration of the 400th Anniversary of the Polish Settlers arrival at Jamestown, Virginia. The 2008 Heritage Award recipient was Dr. Charles F. Merbs – Pulaski Forensic Anthropologist. Polish American Contractors and Builders Association– Jamestown Committee received the Historic Award. Alderman Robert Fioretti – 2nd Ward – City of Chicago received the Civic Award. Lawrence Langowski – 2008 Olympic Wrestler received the Sports and Youth Award and Stanley Bogobowicz received the President Award. PAEA bought an add for the Program Book of the Banquet. **Our organization was represented at this celebration by: Maria Biernot, Danuta Gnat, Ryszard & Anna Kaczmarek, Janusz Labedz, Jan & Barbara Plachta, Romuald & Mikolaj Poplawski.** Polish American Congress (PAC) plays a very important role in our community. PAEA is a member of this organization. Our John Paul II reminded us frequently...”.. to keep alive our heritage”. PAC is an umbrella organization for all Polish groups and it’s in our interest to participate in their activities. During this banquet there were calls for action, to get involved. United we can make a difference.

PAEA CHRISTMAS PARTY is tentatively scheduled for **Sunday, December 14, 2008** at the Embassy Suites, 1445 Lake Cook Rd., Deerfield, IL.