
POLISH-AMERICAN ENGINEERS ASSOCIATION

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All members and friends of Polish-American Engineers Association are cordially invited to attend our upcoming meeting.

DATE: **Friday, February 17th, 2012**

TIME: **7:30 p.m.**

LOCATION: **Copernicus Center**
Kings Hall
5216 W. Lawrence Avenue
Chicago, Illinois



**New
Location**

SPEAKER: **Jim Nugent**
Sales Manager
ACH Foam Technologies

TOPIC: **Expanded Polystyrene (EPS) GeoFoam. Products for construction, geotechnical and industrial applications.**

Jim Nugent and ACH Foam Technologies



Jim Nugent has been a sales and technical support professional in the expanded polystyrene (EPS) industry for 23 years. His experience includes commercial roofing, geotechnical applications for EPS GeoFoam, Exterior Insulation and Finish Systems, and other applications for rigid thermal insulation.

Jim has been part of several construction organizations including the Association of Licensed Architects, CSI, Chicago Roofing Contractors Association, and EIMA.

ACH Foam Technologies is a national manufacturer of expanded polystyrene with 8 manufacturing locations in the United States and is the largest producer of EPS GeoFoam in the United States.

Mr Nugent's presentation will review the applications, design and installation consideration for EPS GeoFoam. EPS GeoFoam is a strong yet lightweight thermal plastic foam block material that provides solutions for construction over unstable soils, and also helps with load reductions on vertical and horizontal surfaces like roads, foundation walls, bridge abutments and retaining walls. The presentation can earn 1 Personal Development Credit Hour or 1 CEU from the Association of Licensed Architects.

ADMINISTRATION UPDATES

Society of Polish Engineers and Technicians in France is organizing a three day symposium in Paris France. Symposium which is sponsored by European Union and Polish embassy in France will be dedicated to flood prevention and mitigation. Symposium is scheduled to take place on March 28-29-30th 2012. More details and invitation are being provided via a separate email.

National Engineers Week 2012 in Chicagoland – February 19-25, 2012

The National Engineers Week Foundation



Engineers' week will be February 19-25, 2012. The Washington Award Banquet will be on Friday, February 24th, 2012 at the University Club of Chicago

2012 Washington Award Recipient honors Martin Cooper for his contributions to the technology of personal wireless communications.

EWeek is a formal coalition of more than 70 engineering, education, and cultural societies, and more than 50 corporations and government agencies. Dedicated to raising public awareness of engineers' positive contributions to quality of life, EWeek promotes recognition among parents, teachers, and students of the importance of a technical education and a high level of math, science, and technology literacy, and motivates youth, to pursue engineering careers in order to provide a diverse and vigorous engineering workforce. Each year, EWeek reaches thousands of schools, businesses, and community groups across the U.S.

Founded as "National Engineers Week" in 1951 by the National Society of Professional Engineers (NSPE), it is among the oldest of America's professional outreach efforts.

PAEA is sponsoring this event with our logo to be displayed during the celebrations. It would be good if we would have a representation at the Washington AWARD dinner.

More information: <http://www.chicagolandeweek.org> , <http://www.eweek.org>

2012 Structures Congress - March 29-31, 2012

American Society of Civil Engineers (ASCE)

Fairmont Chicago, Millennium Park



The 2012 Structures Congress The 2012 program will include 11 concurrent technical tracks that focus on the theme: "Forging Connections in the Windy City." The sessions will demonstrate processes and present projects that are redefining structural engineering in the areas of bridge and transportation structures, buildings, and advances in research.

More information: <http://content.asce.org/conferences/structures2012>

9th Annual Midwest Bridge Symposium - April 26, 2012

Structural Engineers Association of Illinois (SEAOI)
Maggiano's Little Italy 111 W. Grand Ave., Chicago, IL



Since 2004, the SEAOI Annual Midwest Bridge Symposium has been held in Chicago to provide a forum for bridge engineers to share analysis, design, and construction information from recent projects with unique and/or distinguishing characteristics. Attendance typically represents a diverse cross-section of around 200 professionals from every facet of the bridge industry including: design, construction management, material suppliers, academia, general contracting, as well as, owner representatives from various Departments of Transportation and FHWA. More information: <http://www.seaoi.org/bridge/bridge.htm>

Once again we like to let you know that Rafal Kopacki advised us that Ralph Modjeski Bridge, which joins Iowa and Illinois near Moline, will be replaced by a new design.

The Iowa-Illinois Memorial Bridge was once the crown jewel of the I-74 Corridor, the gateway to the Quad Cities region. The bridge spans the Mississippi River and is a vital link to the seven-mile expanse comprised of bridges, interstates and communities. But times have changed, and recent economic successes in the Quad Cities region have led to ever-increasing traffic demands, outgrowing the corridor's existing infrastructure. Today, the Iowa-Illinois Bridge is a major pinch-point for delays between the bi-state communities linked by the I-74 Corridor – Moline, Illinois and Davenport, Iowa.



The Iowa and Illinois Departments of Transportation decided on an ambitious corridor improvement plan. The plan's ultimate goal: alleviate congestion and sustain the regional economies. There were several objectives, including an increase in roadway capacities and designs for new roadways and interchanges. Most notably, the strategy called for the design and engineering of a new I-74 Mississippi River Bridge to replace the existing Iowa-Illinois Memorial Bridge.

More information can be obtained on sites shown below:

<http://www.iowadot.gov/I74corridor/default.htm>

<http://www.modjeski.com/projects/detail.aspx?I-74-Mississippi>

Reminder to all members and sympathizers. Ralph Modjeski **scholarship applications** should be turned in by qualified students of engineering by June 15th. We plan to award three scholarships this year.

Dr. Jan Plachta suggested a multi day bus trip to visit and **explore Bridges of Ralph Modjeski** . This trip could be scheduled in late spring of 2012. Itinerary, attractions and cost are provided below.

MOSTY RUDOLFA MODRZEJEWSKIEGO

- Dzień 1** - Wyjazd z Chicago o godz 9 rano, około godziny 1 pm docieramy do Rock Island (170 mil od Chicago), gdzie przez godzinę podziwiamy historyczny **Government Bridge (2)**. Przejazd do następnego, pobliskiego **mostu pomiędzy Bettendorf a Moline (3)**, gdzie spędzamy dodatkowy czas do godziny 4-5 pm. Posiłek, przejazd na nocleg (100 mil) do Keokuk.
- Dzień 2** - Wyjazd z hotelu po śniadaniu ok. godz. 8:30, krótki podjazd do **mostu Keokuk (4)**, gdzie spędzimy około półtorej godziny. Około 10 wyjazd w kierunku odległego o 130 mil Saint Louis, gdzie dotrzemy ok. godz. 12:30 w południe. Do godziny 2 po południu oglądamy most **McKinley Bridge (5)**, po czym jedziemy 110 mil do Thebes gdzie znajduje się kolejny **most kolejowy (6)** Rudolfa. W Thebes będziemy do godz. ok. 3:30 pm, a następnie przejedziemy (70 mil) oglądać **most w Metropolis (7)**. Wyjazd z Metropolis ok. godz. 7:30 pm, przejazd (120 mil) na nocleg do Evansville KY, gdzie dotrzemy ok. godz. 10 pm. Nocleg w Evansville.
- Dzień 3** - Wyjazd z motelu o godz. 8 rano, na **most w Evansville (8)** przeznaczamy czas do godz. 9 rano, po czym jedziemy oglądać **most w Louisville (9)** w godz. 10:30-11:30. Po lunchu długi przejazd (450 mil) do Memphis TN na nocleg.
- Dzień 4** - Po śniadaniu, w godz. 8:30 - 9:30 oglądamy **most kolejowy w Memphis (10)**. Dla zainteresowanych byłaby możliwość zwiedzenia museum Elvise Presleya, tzw. Graceland Mansion. Przejazd 400 mil do Nowego Orleanu, gdzie dojedziemy ok. godz. 5 po południu. **Most drogowo- kolejowy Huey P Long (10)** (5-6:30). O moście tym prasa Nowego Orleanu pisała, że był "Cudem Techniki, Dziełem Sztuki". Reszta dnia poświęcimy na spacer, relaks i kolacje w zabytkowym Starym Mieście, nocleg w Slidell.
- Dzień 5** - Cały dzień przeznaczamy na przejazd do Greensboro/Raleigh w Karolinie Północnej.
- Dzień 6** - Po śniadaniu przejazd 300 mil do Waszyngtonu, zwiedzanie miasta w godz. 1- 4 pm, przejazd (140 mil) na nocleg do Filadelfii.
- Dzień 7** - Od rana podziwiamy **most Benjamin Franklin (12)** w Filadelfii, ukończony w 1926 roku w 150. rocznicę Stanów Zjednoczonych. Przejedziemy również przez **most Tacony-Palmyra (13)**, oraz ciekawy łukowy most kamienny **poprzez Henry Avenue (14)**. O 10-tej ruszamy w stronę Nowego Jorku, a następnie wzdłuż rzeki Hudson, gdzie (2-3 pm) oglądamy **most Poughkeepsie (15)**. Nocleg w okolicach Niagary.
- Dzień 8** - Przejazd (600 mil) do Chicago.

Proponowany termin wycieczki: druga połowa Maja 2012

Cena wycieczki: \$1050 .

Cena obejmuje transport wg. programu mikrobusem (van) 15-osobowym, 7 noclegów w motelach standardu Super 8 i opiekę przewodnika. Cena nie obejmuje ubezpieczeń, posiłków ani biletów wstępu.

UWAGA: możliwe jest 2-dniowe przedłużenie wycieczki (jej cena wzrośnie do \$1350), połączone z dodatkowym zwiedzaniem Quebec City, Montrealu, Niagary i **mostu Modrzejewskiego w Detroit**.

Dzień 8 - Przejazd z noclegu w okolicach jeziora Champlain/Adirondac Upper NY do Quebec City, zwiedzanie **mostu (16)** Dolcia, o którym, pisano, że jest ósmym cudem świata. Nocleg w okolicy Trois Rivieres.

Dzień 9 - Zwiedzanie Montrealu, przejazd w okolice wodospadów Niagary, wieczorna panorama oświetlonych wodospadów, nocleg.

Dzień 10 - Całodniowy przejazd do Chicago połączony z podziwianiem ostatniego już na naszej trasie **mostu Modjeskiego (17)** w Detroit/Windsor.

All those interested please contact Dr. Jan Plachta at 773-775-7599 or jsplachta@sbcglobal.net

Messieurs' Roman Korczak, Tad Hofkin. Mirosław Noyszewski and Dr. Ron Wolosewicz held teleconferences aimed at modernizing By-laws and Constitution. Mr. Tad Hofkin summarized the deliberations and created document that is being reviewed by the team and will provide recommendations to the administration.

***In Memoriam Halina Koncza, wife of Louis Koncza passed away on February 3rd.
PAEA members attended the wake and organization provided a wreath. Our
condolences to Koncza Family. If you recall Louis Koncza was one of the mentors
of our organization during the past fifty years. As Chief Engineer of City of
Chicago he assisted many of our members in career development.***

P.A.E.A. MEMBERSHIP DUES. PAEA 2012 fiscal year began in January. **Please plan to pay your 2012 dues during the next meeting.** Dues remain unchanged for 2012 and are \$50 per year; senior citizens (over 65 years of age) and students \$25 per year. Questions? You may send an email to: paea.info@gmail.com

[**www.polishengineers.org**](http://www.polishengineers.org)