
POLISH-AMERICAN ENGINEERS ASSOCIATION

FOUNDED



IN 1934

1 Watergate Drive, South Barrington, Illinois 60010, USA -- www.polishengineers.org

All members and friends of Polish-American Engineers Association are cordially invited to attend our March 2011 meeting.

DATE: **Friday, March 18th, 2011**

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

PLACE: **Polish National Alliance**
6100 North Cicero Ave.
Chicago, Illinois

SPEAKER: **Tad Hofkin PE**

TOPIC: **Everything you ever wanted to know about HVAC but were afraid to ask – what's new?**

Abstract:

Mr. Hofkin will provide a quick review of "myths & facts" related to Heating Ventilation and Air Conditioning. He will share with us the latest trends in the industry with emphasis on Variable Refrigerant Volume (Flow) technology.

Speaker's Brief Biography:

Mr. Hofkin has over 40 years of experience as a mechanical engineer. He worked with large A/E companies on projects ranging in complexity from industrial plants to residential buildings. His design expertise as well as "hands-on" experience makes him a unique engineer that not only knows theory, but also can visualize his project before it is build. Mr. Hofkin' experience also includes managing his engineering firm. He provided consulting services in the area of HVAC, Plumbing, Fire Protection, and Energy Conservation. In addition, he performed project reviews for compliance with International and local Mechanical and Building Codes. Additionally, Mr. Hofkin taught classes in the Sheet Metal Union School, in Philadelphia, PA, on Heat Loss and Gain Calculations and Duct Design. Mr. Hofkin obtained a MS degree in Mechanical Engineering from Lodz Polytechnic.

Representative Projects.

Federal Express A380 Hangar Facility, Memphis, TN

Engineer design of a new A380 heavy maintenance facility incorporating the hangar holds, associated shops, offices, and parts storage.

McCormick West Expansion, Chicago, IL

Ventilation system design for a new, over 1,000,000 SF facilities. Project included all aspects of providing ventilation air for the Exhibition Hall, Ballroom, offices, and auxiliary spaces (boiler room, chiller room, shops) as well as of enclosed street running under the building.

Shopping Center Complex, Newark, DE

HVAC, Plumbing, Refrigeration, and Fire Protection systems design for a new shopping center consisting of supermarket, department store, and satellite shops.

United Airlines, Chicago, IL

An upgrade of existing HVAC system for Red Carpet Room and Employee's Cafeteria at O'Hare Airport, including kitchen ventilation system.

United Airlines, Chicago, IL

A service hangar loading dock heating and air curtain system to mitigate weather related temperature variations affecting work performance.

Veteran's Hospital, Brooklyn, NY

Complete redesign of an existing ventilation system for Animal Lab to eliminate and prevent migration of odors to the hospital complex.

Woodstock Library Expansion, Woodstock, IL

HVAC, Plumbing, and Fire Protection systems design for the addition and modification of existing utilities to accommodate and perform in unison with the new systems.

Blue Cross and Blue Shield, Philadelphia, PA

Independent consultant for energy conservation project for affiliated hospitals in Pennsylvania and Ohio. Project included compilation of field data for energy use analysis and identification of energy saving possibilities, writing technical reports analyzing these findings, recommending maintenance procedures and capital expenditures to improve the energy use efficiency.

ADMINISTRATION UPDATE

Board of Directors Ballot was completed on February 15th. Following members of PAEA became the first members of BOD: **Miroslaw Noyszewski, Dr. Ron Wolosewicz, Dr. Jan S Plachta, Walter Rymysz, Stanley Witezak, Jacek Zaworski and Jerzy Pietrowski**. Board had their first teleconference on March 4th. That was followed by a face to face meeting hosted by Dr. Plachta. We are looking forward to their first report.

Mr. Roman Korczak is working with ASPA to update **scholarship application** portion of our web page with most current information. Messer's Korczak and Niedzinski developed acceptance verbiage, which more accurately reflects our Midwest traditions and affiliations. This language will be adopted and posted on the scholarship link. Web site will be undated by the end of March.

May 3rd Parade is coming up fast. It will take place on May 7th. We have sent our application with the customary donation of \$250. Please make plans to support our marching unit and increase our visibility. We will invite all those who joined our marching unit to our customary Pizza Lunch.

Our sister organization **Polonia Technica is celebrating 70th anniversary**. PAEA was invited to participate in the festivities, which are scheduled for May 13th, 14th and 15th at Polish consulate in New York. All the requisite details and sign up information will be provided during the March 18th meeting.

P.A.E.A. MEMBERSHIP DUES. PAEA fiscal year began in January. **Please plan to pay your 2011 dues during the next meeting.** Dues remain unchanged for 2011 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

TRIP TO ROCK ISLAND

PAEA-sponsored visit to Rock Island is being organized by Dr. Jan Plachta and Mr. Rafal Kopacki. As it was previously discussed we are organizing a one-day bus trip to the Quad Cities on the Mississippi River. We will be leaving Chicago at 8 am on **Saturday, April 16, 2011** and return at about 8 pm the same day. We are planning to meet at the PNA office building at 6100 N. Cicero Ave. There is a large parking lot, which on this day will be available for us to use. In the program is visit to the **Lock and Dam structure #15** where from the tourist visitor center we can observe operation in the very busy lock chambers and view operation of the movable span of the Government Bridge. This historical bridge was designed by Ralph Modjeski and was opened to traffic in 1896.

http://www.johnweeks.com/river_mississippi/pages/B/umissB06.html.



Later we will visit the **Rock Island Museum and Arsenal** historical monuments.

<http://www.tactical-life.com/online/exclusives/rock-island-arsenal/>

After lunch we plan to go on a short ride to Bettendorf where we could visit impressive **Memorial Bridge**.

<http://www.aaroads.com/blog/2008/06/07/i-74-bridge-replacement-will-it-ever-get-built> .

This is a suspension type bridge that was designed by Modjeski in 1930's.

The cost of the one day excursion to include family style lunch will be \$40 and it will be payable during the next PAEA meeting scheduled for March 18, 2011. Our Treasurer Mr. Richard Kaczmarek will be collecting and maintaining the attendance list. For additional information please call Rafal Kopacki at 773-822-4842 or Dr. Jan Plachta at 773-415-1818. There are a limited number of seats available, please make your reservation early!

Special message to Politechnika Warszawska alumni from Professor Andrzej Nowak (in Polish only):
Specjalna depeza dla absolwentow Politechniki Warszawskiej Od Profesora Andrzeja Nowaka, Prezesa Rady Inzynierow w Ameryce Polnocnej.

Drogie Kolezanki i Koledzy;

Prace przygotowawcze do pierwszego zjazdu absolwentow Politechniki Warszawskiej w USA i Kanadzie sa w toku. Zjazd odbedzie sie 9 kwietnia 2011 w Washington. Bedziemy korzystac z goscinnosci Ambasady RP: 2640 16th Street N.W., Washington DC. Wspolorganizatorami Zjazdu jest Politechnika Warszawska, Amabasada RP w Washington, oraz Rada Polskich Inzynierow w Ameryce Polnocnej. Oficjalne zaproszenia beda wyslane przez Ambasade RP oraz Rektora PW, moj e-mail ma na celu jak najszybsze dotarcie do jak najwiekszej liczby absolwentow PW w USA i Kanadzie. Dlatego bardzo prosze o przekazanie tej wiadomosci do innych znanych Wam osob, jesli mozna to z kopia do mnie, zebysmy mogli unaczescnic liste adresowa.

Bardzo wstepny program :

11:30-12:30 Powitanie uczestnikow, prezentacja podsumowujaca aktualna sytuacje Politechniki Warszawskiej

12:30-13:30 Lunch

13:30-14:30 Oczekiwania, potrzeby i mozliwosci ze strony Politechniki Warszawskiej i absolwentow w USA i Kanadzie - dyskusja panelowa

14:30-15:00 Podsumowanie dyskusji i plan dzialania

18:30-20:30 Obiad w restauracji (wokolicy Dupont Circle)

W skladzie delegacji Politechniki bedzie JM Rektor Wlodzimierz Kurnik, prorektorzy i dziekani wybranych wydzialow.

Udzial w Zjezdzie bedzie bezplatny, jednakze musimy sami pokryc koszty obiadu, ktore beda ok. \$100 od osoby. Osoby towarzyszace beda mile widziane, zarowno na obradach Zjazdu jak tez na wieczornej imprezie. Prosimy jednak o zgloszenie (ile osob) zebysmy mogli zrobic odpowiednie rezerwacje. Informacje w/s hoteli beda podane pozniej.

Dziekujemy kierownictwu Amabasady RP w Washington za uzyczenie nam sali oraz za lunch, a w szczegolnosc Panu Prof. Markowi Konarzewskiemu (Radca d/s Naukowych) i Pani Grazynie Zebrowskiej, za pomoc.

Lacze pozdrowienia,

Andrzej

Andrzej S. Nowak

Interim Chair

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