

All members, families and friends of **Polish-American Engineers Association** are cordially invited to attend our meeting. A business meeting will precede the technical presentation. Coffee and pastries will be served during the intermission.

DATE: **Friday, April 16, 2010**

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

PLACE: **Polish National Alliance**
Museum Hall; Lower Level
6100 North Cicero Ave.
Chicago, Illinois

PLEASE TAKE NOTE OF THE NEW MEETING LOCATION.

Parking access information: <http://polishengineers.org/data/news/368.pdf>

PLEASE REMEMBER OUR WEB-PAGE ADDRESS: www.polishengineers.org

SPEAKER: **Mr. Wojciech A. Niedzinski**
Vice-President of European Operations
Roberts & Schaefer Company

TOPIC: **Design of dish radio telescope in Torun, Poland**

Mr. Wojciech A. Niedzinski holds a position of Vice-President of European Operations for Roberts & Schaefer Company, one of the leading Bulk Material Handling and Mineral Processing firms, with offices in USA, Poland, Australia, Indonesia, China and India. Poland group consists of three allied firms of which Mr. Niedzinski has been the president last 13 years. He has well over 30 years of experience in engineering & management. Previously he was a project manager at the R&S Co. Chicago offices, being with this firm over 19 years. He was also a plant manager at By-Lo Inc. specializing in manufacture of aluminum cases and containers, as well as Swick & Associates and Doyen & Associates, both Chicago area engineering consulting firms.

Mr. Niedzinski is responsible for overall performance and bottom line of his division, and has been focused last few years on re-directing his group from a coal mining & processing engineering consultant to turnkey supplier of complete plants or systems, concurrently expanding into construction aggregate processing, copper processing, silica sand production as well as other opportunistic engineering projects.

Mr. Niedzinski obtained his BS from Univ. of Illinois. He published tech papers and articles in UK based Coal World magazine.

During the past year, as part of the strategy to involve his group in other than coal mining activities, the Poland engineering office started a feasibility/conceptual study for the University of Nicolaus Copernicus in Torun, to enable the funding and construction of a fully steerable 90 to 100 meter dish radio telescope. In his presentation Mr. Niedzinski will describe some of the challenges faced, and the need for innovation, to make this project a reality.



Special Invitation for Polish engineers and technicians who recently came to Chicago.



Do not forget about PAEA participation in May 3rd Parade which will take place on May 1st, 2010. Plan on joining our marching unit.



Frank Piasecki Historical Marker will be dedicated in Philadelphia on Saturday, April 17, 2010 at 4:00 pm. A banquet at the Philopatrian Litereary Society Stotesbury Mansion on 1923 Walnut Street will follow the on-street ceremonies, \$60 dollars per person. 5:30 pm - cocktail hour - dinner 6:30 pm

Frank N. Piasecki was a true American success. The son of Polish immigrants, educated at Overbrook High School in Philadelphia, later University of Pennsylvania and the Guggenheim School of Aeronautics of New York University (BS in Aeronautical Engineering). With an engineering team composed of his friends he designed and built the world's second practical helicopter in 1943. He performed the test flight himself as pilot and also became the first helicopter pilot licensed by the FAA. He is ranked as an equal among the top American helicopter developers. These are: Igor Sikorsky of Stratford, CT who made the first one in 1941; Arthur Young who built helicopters at Bell Aircraft and Stanley Hiller, Jr.

Later, he designed the first tandem twin-rotor helicopter which could lift substantial loads and in 1947 started the Piasecki Helicopter Corporation to manufacture this helicopter. In 1955 he sold his interest in the corporation and founded Piasecki Aviation continuing research and innovation in vertical flight. He developed other vertical flight concepts including the "flying jeep" (a two-man flying transport vehicle for the U.S. Army) and the "Heli-stat" (an airship-helicopter hybrid for making heavy aerial lifts).

For his accomplishments he received recognition and many awards from various engineering associations, institutions, and countries including the United States and Poland. His life is an example and inspiration to all those who wish to achieve according to their potential. For him, the sky was the only limit. His contributions to aviation technology had an effect of national and international proportions.



SCHOLARSHIPS:

SOCIETY OF AMERICAN MILITARY ENGINEERS – S.A.M.E. Chicago Post

2010 Scholarship Program Summary: **J. Nelson Hinde Memorial Scholarship**: - \$2,000 one-time award - Open to students enrolled at an expanded Chicago area college/university. Reserve Officer Training Corps (R.O.T.C.), participation in school and community activities. Demonstrated leadership.

Environmental and Allied Science Scholarship:

- \$2,000 one-time award. Open to undergraduates in appropriate fields of study at an expanded Chicago area college/university. Accomplishments in chosen field of study. Participation in school and community activities. Demonstrated leadership.

2010 Time Table:

May 3 - application deadline

May 10 - applications reviewed by scholarship committee

May 19 - recommendations presented to Post officers and directors

May 21 - winners and other applicants notified

September 15 - scholarships presented

For information regarding these programs, please contact:

Tom Sydelko, 630-252-3309, tsydelko@anl.gov



After almost one year we were able to secure 25 members and their families needed to form a **Lodge within Polish National Alliance**. We will be joining as one of the first professional organizations;



PAEA 2010 Membership Dues. Our new Fiscal Year begins in January. Please plan to pay your 2010 dues this month. If you can not attend this meeting please mail your membership fee to our Treasurer (check payable to PAEA):

Mr. Rich Kaczmarek
1725 South Crescent
Park Ridge Illinois

Dues are \$50 per year; senior citizens and students \$25 per year.
Questions? Please send an email to: paea.info@gmail.com