
POLISH-AMERICAN ENGINEERS ASSOCIATION

FOUNDED



IN 1934

P.O. Box 241, Northbrook, IL 60065-241, USA • www.polishengineers.org

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

- DATE:** Friday, May 10th, 2019
- TIME:** Doors Open 7:30 p.m.; Business Meeting begins 8:00 p.m.
- PLACE:** Our Lady Mother of the Church
8747 W Lawrence Ave.
Chicago, IL 60656
- SPEAKERS:** Dr. Andrzej Michalik & Mr. Zdzisław Pekala
- TOPIC:** Solar Energy for Homes and Automobiles
Energia Słoneczna dla Domów i Samochodów
(please note: the presentation will be in Polish)

Dr. Andrzej Michalik

Dr. Andrzej Michalik, known in Polonia for popularizing science and technology, former lecturer at Warsaw University of Technology and Chief Engineer (currently retired) Ferrite International, manufacturer of ferrite cores for power converters.

Dr inż. Andrzej Michalik, znany wśród Polonii popularyzator nauki i techniki, były wykładowca Politechniki Warszawskiej i główny inżynier (obecnie na emeryturze) Ferrite International, producenta rdzeni ferrytowych do przetworników energii elektrycznej.

Mr. Zdzisław Pekala

Mr. Zdzisław Pekala worked in Poland in the operation of high-voltage electrical networks; and since 2002, continuing his profession in the United States, he gained further certifications as an electrical inspector. He is the only inspector in Illinois, and one of several dozen in the United States, with the highest ICC and IAIEI certificates. He is currently working as the Chief Electrician (Supervising Electrician) at Tesla Illinois.

Zdzisław Pekala, w Polsce pracujący przy eksploatacji sieci elektrycznych wysokiego napięcia a od 2002 roku w Stanach Zjednoczonych pracując nadal w zawodzie zdobywał kolejne certyfikaty inspektora elektrycznego. Jest jedynym w ILLINOIS i jednym z kilkudziesięciu w USA inspektorów posiadających najwyższe certyfikaty ICC i IAIEI. Pracuje obecnie jako główny elektryk (Supervising Electrician) w Tesla Illinois.

ABSTRACT

The presentation will cover the basic laws of physics, and techniques of converting solar energy into electricity; the efficiency of photovoltaic converters; methods for installing solar panels on private homes; electricity storage; and charging electric automobile batteries.

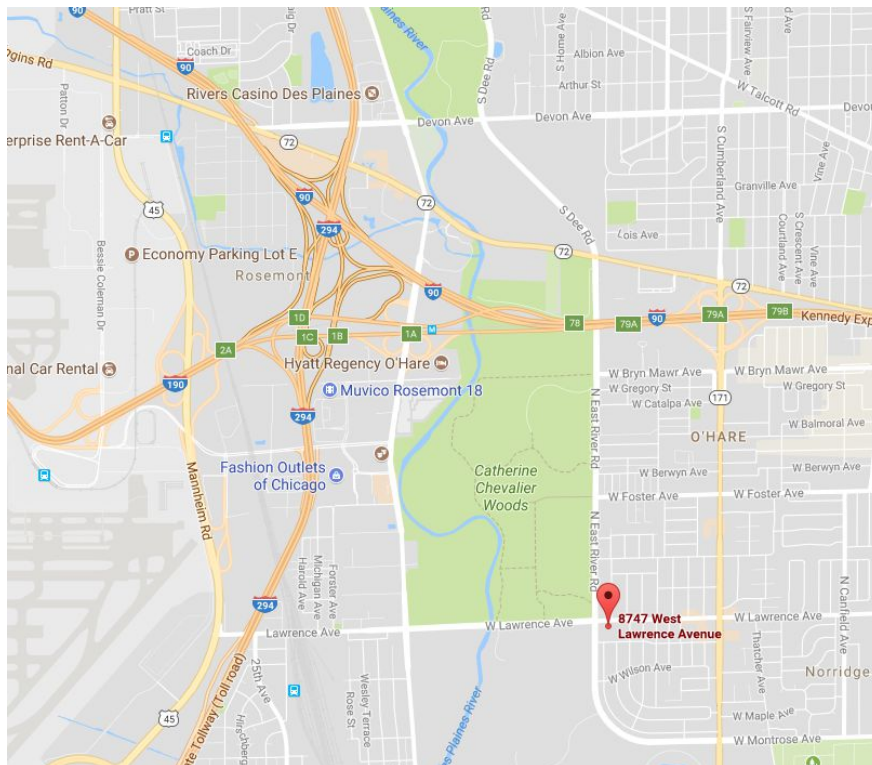
(Please note: the presentation will be in Polish)

Podstawowe prawa fizyki i technika przetwarzania energii słonecznej na energię elektryczną. Sprawność przetworników fotowoltaicznych. Metody instalacji paneli fotowoltaicznych na prywatnych domach. Magazynowanie energii elektrycznej. Ładowanie baterii samochodów elektrycznych.

PAEA Announcements

MEETING LOCATION

Our Lady Mother of the Church
8747 W Lawrence Ave.
Chicago, IL 60656



The entrance closest to our room is at the back of the church (Green arrow)- the best parking location is off of Oakview Ave, behind the church (Red box):

Special Interest

If anyone has an item of Special Interest to the PAEA Membership and sympathizers, please send the details to contact@polishengineers.org for inclusion in the next (monthly except for June-August & December) published Bulletin.

100 years of the Polish Red Cross @ the Polish Museum of America

Saturday, May 11, 2019; 6pm – 9pm @ the PMA (984 N. Milwaukee Ave., Chicago, IL 60642)

All PAEA Members and sympathizers are cordially invited to celebrate of the origin of Poland's oldest humanitarian organization and its monumental role in supporting the nation, at the Polish Museum of America, Saturday, May 11th @ 6pm.

Presenting will be:

Barbara, Eva i Waldemar Niklinscy
Marlena Dzis
Jaroslaw Golembiowski
Waldemar Izdebski
Michal Sadowski

For more information please see:

https://www.polishmuseumofamerica.org/?event=100-years-of-the-polish-red-cross&event_date=2019-05-11

2019 Cultural Tours of Poland with the Lira Ensemble

The Lira Ensemble invites all PAEA Members and sympathizers to join in their exclusive cultural tours of Poland, led by Artistic Director, Lucyna Migala.

Southern Poland from June 6 - June 20 and Northern Poland from June 27 - July 10
plus

An optional tour of Lithuania following the Northern Poland Tour

Both tours include first class accommodations, wonderful cuisine and lots and lots of fun!
For information, call (773) 508-7040 or visit Lira at:

<https://www.liraensemble.org/>

39th Annual Polish Museum of America Summer Gala

Friday, June 7, 2019; 7pm @ Café La Cave (2777 N. Mannheim Rd., Des Plaines, IL 60018)

All PAEA Members and sympathizers are cordially invited to enjoy a wonderful evening of dinner and dancing, while supporting the PMA, at the 39th Annual Polish Museum of America Summer Gala. This year's event, celebrating the 80th Anniversary of the Polish Pavilion at the World's Fair in New York City, will take place Friday, June 7th; beginning with cocktails at 7pm, followed by dinner at 8pm; at Café La Cave.

For more information on the event as well as sponsorship opportunities, please see:

https://www.polishmuseumofamerica.org/?event=100-years-of-the-polish-red-cross&event_date=2019-05-11

21st Annual World Polonia Economics Conference

June 15-17, 2019; Warszawa, Poland

All PAEA Members and sympathizers are invited to participate in the 21st Annual World Polonia Economics Conference, in Warszawa, Poland; June 15-17, 2019.

For more information, please see:

<http://konferencjapolonii.pl/en/home-2/>

Polonia Institute Essay Competition

Deadline Monday, July 1, 2019

Polonia Institute, a non-for-profit organization, has just announced a historical essay competition for your adults ages 18-30 on the topic of worldwide significance of the 1939 German-Soviet invasion of Poland. If you know a history buff, journalism or communications major, or someone in this age group looking to expand their WWII knowledge and add \$5,000 to their budget, please share this news. You do not have to be Polish or currently enrolled in any school to participate. The essay needs to be in English. You can find additional details and the application in the attached link. Here's the key info:

First Prize - \$5,000 (additional prizes in the thousands and essays will be considered for publications)

Deadline - July 1, 2019 (results will be announced ~ September 1, 2019)

Eligibility - young adults between the ages of 18 and 30 (as of July 1, 2019)

Essay Requirements - up to 15 pages analyzing the German-Soviet aggression on Poland by addressing:

- 1938-1939 political developments leading to WWII
- German propaganda war against Poland and the role of German minority
- German invasion of Poland and its political objectives
- Soviet propaganda war against Poland
- Soviet invasion of Poland and its political objectives
- German-Soviet extermination of ethnic Poles 1939-1941
- The impact of German-Soviet cooperation on Poland and the international community
- Lesson for today

The year 2019 marks the 80th anniversary of WWII. This is an incredible opportunity to better understand and reflect on the events leading up to the outbreak of one of the deadliest wars and its consequences for Poland, Europe and the world so please spread the word.

<http://www.poloniainstitute.net/polonia-today/polonia-institute-historical-essay-competition-2019/>

4th Annual World Polonia Business Forum

August 25-27, 2019; Tarnów, Poland

All PAEA Members and sympathizers are invited to participate in the 4th Annual World Polonia Business Forum, in Tarnów, Poland; August 25-27, 2019.

For more information, please see:

<http://polonia4um.com/>

Publication Request: A Tribute to the Late John Banicki, PE

Founder of Troy-Based Firm Testing Engineers & Consultants, Inc.

It is with heavy hearts that we announce the passing of our Founder John Banicki, Jr. on April 3, 2019. Mr. Banicki resided in Huntington Woods and is survived by his wife of 48 years, Katherine, four children, five grandchildren and two great grandchildren. He is preceded in death by his parents Anastasia and John Banicki, Sr. and his sister Adele Andrews.

John Banicki, PE, was the Founder and Chairman Emeritus of Testing Engineers & Consultants, Inc. (TEC) made many contributions to the engineering community. However, John felt that his most significant contribution to the community and to society in general, was his enlistment and service as a Naval Aviator in the US Navy in WW II, where he served as a Lieutenant in the Pacific Operations.

After serving as a pilot and spending many months on the U.S.S. Onslow aircraft carrier, John “wanted to keep both feet on the ground for a while” so, he returned to Wayne State University and pursued a profession in civil engineering. What followed was an engineering career that spanned 50+ years. During that time he was directly involved in the construction of a multitude of Michigan landmarks including the Ford Auditorium, Book Cadillac Hotel, Detroit Renaissance Center, Lafayette Park, and the Detroit People Mover. In 1966, he and his wife Katherine founded TEC setting the tone for many years to come as a family-owned business. Today, TEC is a multi-million dollar engineering consulting firm.

John was active in many professional trade organizations such as AIA Michigan (honorary member), AGC Michigan, the Michigan Society of Professional Engineers (MSPE), and the National Society of Professional Engineers. John received many awards for engineering excellence and distinguished service including the MSPE Engineer of the Year Award in 1979, as well as his induction into the Engineering Hall of Fame at Wayne State University.

His commitment to the profession is demonstrated not only by the organizations he worked for, but also by the individual people he helped along the way. He developed a tutoring program for young Polish engineers and continues to sponsor an annual engineering scholarship at WSU.

John Banicki’s commitment to the industry will continue to thrive through the many people that worked for and with him at TEC, including his wife Katherine (President) and daughter Johanna (Marketing Representative). We mourn his passing, but will continue to celebrate his life and rejoice in his vision and entrepreneurial spirit.

