

# POLISH-AMERICAN ENGINEERS ASSOCIATION



FOUNDED

IN 1934

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

- DATE:** Friday, November 17<sup>th</sup>, 2017
- TIME:** Doors Open 7:30 p.m.; Business Meeting begins 8:00 p.m.
- PLACE:** **\*\*\*\*\* PLEASE NOTE OUR NEW LOCATION \*\*\*\*\***  
**Our Lady Mother of the Church**  
8747 W Lawrence Ave.  
Chicago, IL 60656
- SPEAKER:** Dr. Danuta Stadnicki
- TOPIC:** Protecting Electric Grid by Applying NERC CIP Standards & Regulatory Compliance
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## Dr. Danuta Stadnicki

Dr. Danuta Stadnicki is a manager at Exelon Corporation. She received Master of Science and PhD in Electrical Engineering from Northwestern University and Master Degree in Electrical Engineering from Academy of Mining and Metallurgy in Poland. She has over 20 years of experience in implementing, supporting and managing Supervisory Control and Data Acquisition (SCADA) systems and compliance to cyber security standards.

### ABSTRACT

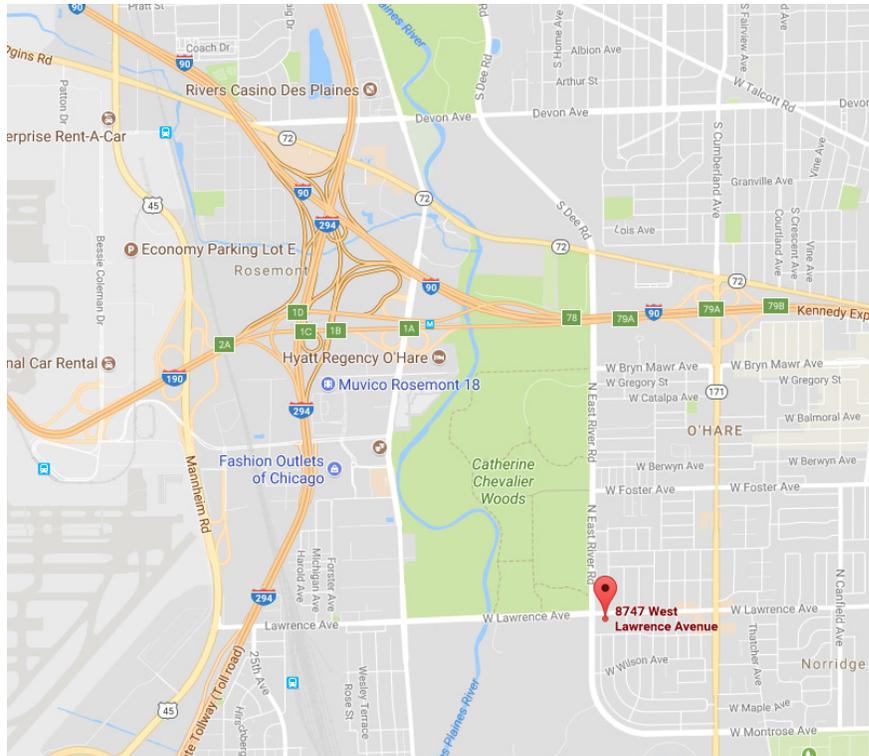
There has been an increased dependency on Information Technology in the industrial control systems and applications. In electric industry such systems are used to control and monitor production, transmission and distribution of energy. North American Electric Reliability Corporation (NERC), a non-profit organization, has been tasked with ensuring reliability of bulk power system in North America. It focuses on securing cyber assets and systems used in operation of the Bulk Electric System. Critical Infrastructure Protection (CIP) focuses on preparedness and response to serious incidents that could impact essential services of nation's economy, security and health, such as electric energy. NERC CIP Standards provide a set of regulatory requirements designed to protect computer systems used to monitor and control Bulk Electric System.

# PAEA Announcements

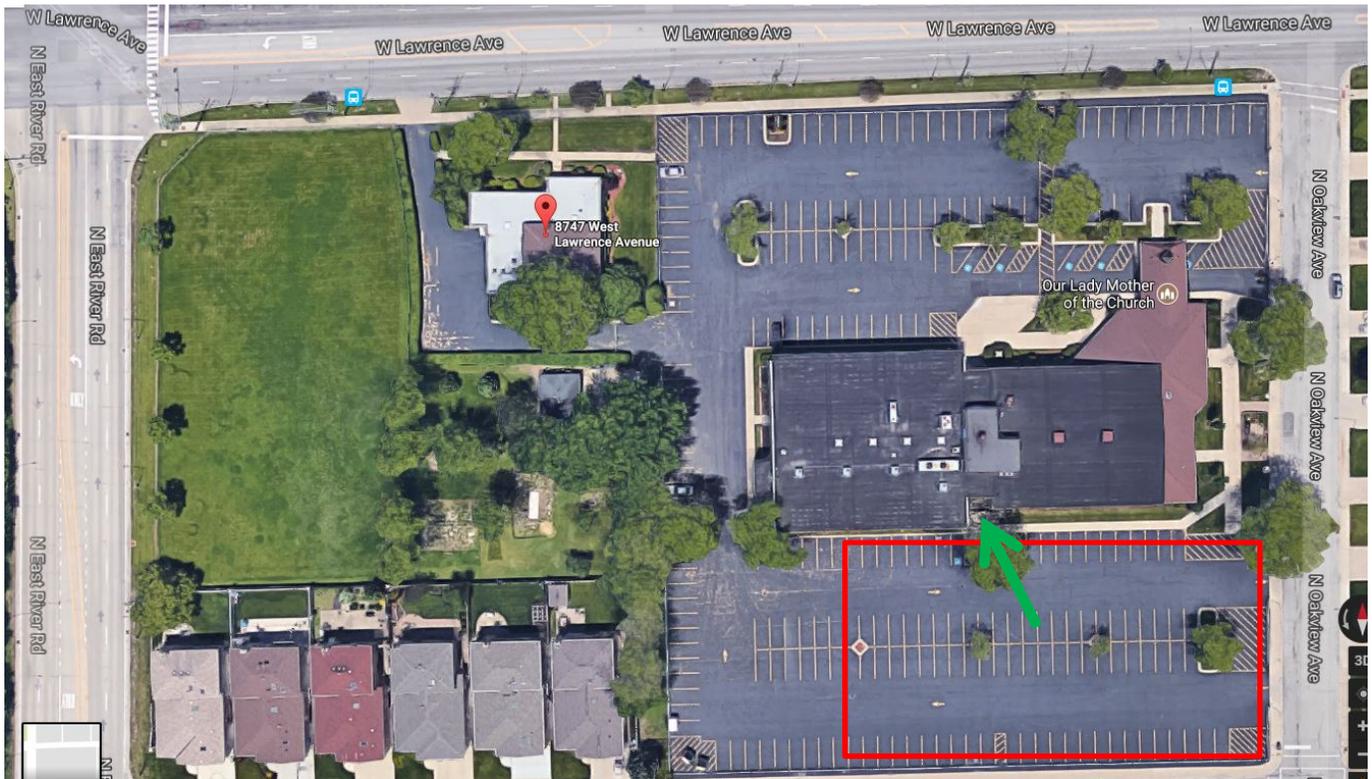
## MEETING LOCATION CHANGE

In September, we made a last-minute change of meeting location from the Copernicus Center to Our Lady Mother of the Church. As a vast majority of the Membership present voted to continue meeting at Our Lady Mother of the Church; the Administration has arranged for meetings going forward to be held there.

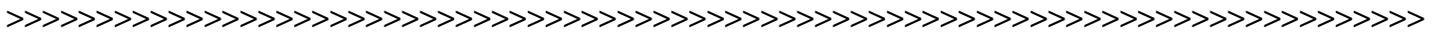
8747 W Lawrence Ave.  
Chicago, IL 60656



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):



We hope this new location is convenient for all, and allows more people to join us- we look forward to seeing everyone there!



### 2017 MEMBERSHIP DUES

As approved in our January meeting, dues for 2017 have increased to **\$70 per year, senior citizens and students \$35 per year**. This was necessary to have a better balanced Budget in order to better fulfill our mission of mutual support, providing Members with educational opportunities as well as Scholarships for our young technologists. Please see our January Bulletin for specific Budget figures.

As always, if personal circumstances prevent payment of (full or partial) dues, we encourage continued participation (and even searching out support from within our organization).

We ask that everyone pay their dues as soon as possible. Membership Cards will be provided to all those who paid their dues.

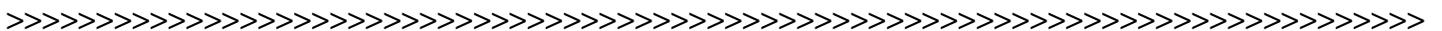
Questions? You may inquire at the meeting or send an email to: [administration@polishengineers.org](mailto:administration@polishengineers.org)

You may send your dues directly to our new Treasurer:

Mr. Marek Rozwadowski  
5718 W. 84<sup>th</sup> Street  
Burbank, IL 60459

You may also pay your dues at our meetings, and receive your Membership Card immediately.

Thanks to all who have already paid- your dues are critical in supporting the work of the PAEA!







To the Polish American Engineers Association:

I am very grateful to have been chosen as a recipient of the Ralph Modjeski Scholarship. I would like to thank President Andrzej Pawlowski, the Board Members, and the remaining members of the Polish American Engineers Association for all the hard work that goes into making this award a reality.

I am currently studying Computer Engineering at Northwestern University in Evanston, Illinois. It has always been a dream of mine to complete an engineering degree and contribute to technological advances in society. This award will go a long way in helping me chase that dream.

I look forward to attending the October 20th meeting to accept my award.

Thank you again,  
Sebastian Dobon

### **Alexander Toth (Wojtas)**



To the Polish American Engineers Association:

Hello my name is Alex Toth, and I am a Mechanical Engineering major in the College of Engineering at the University of Notre Dame. My home town is Mishawaka, Indiana and I have always enjoyed the prospect and benefits of living very near the Notre Dame community. On campus I reside at the beautiful and scenic Carroll Hall where I intend to spend all four of my college years and become a resident assistant for my senior year. On campus, college has been great so far. Academics are a major part of my college career and my identity, so it has been nice to be able to keep up my grades with hard work and determination. I am pretty happy to stay that I am a proud member of the Polish Club of Notre Dame. The club has been fun because we have been able to make Pierogi for Christmas, eat Paczki on Fat Tuesday, and play some soccer games on the weekends.

Looking back and thankful for the support that has allowed me a third year at the University of Notre Dame, I can say I am extremely grateful for the experiences I have had in the past year. One of my favorite events that has become a constant part of my weekly schedule is my new goal of visiting all the chapels on campus for mass at least once in the year. I would say that the best thing about Notre Dame is the Catholic community they have built. Whether going to dorm mass or mass at the basilica, I feel the true spirit of Catholicism.

After college and looking forward, I hope to find an internship this summer to be able to develop the skills necessary to be a competitive engineer in today's world. While I am not certain what I want to do with my Mechanical Engineering degree, I know that I want to give back as you and your engineering scholarships have done. I cannot stress how lucky I am to be attending school here (and being able to travel to Mexico City this break with campus ministries). Without the financial assistance you have provided and the great work of PAEA, going here would be a far off dream. I myself would not be able to consider attending this university without knowing that there are supporters who are willing to help students like me achieve a top-notch education at one of the best schools in the country. I can say I was truly excited when I saw I got into Notre Dame but even more excited when I saw the financial aid that could make my dream a reality.

Thank you for believing and trusting in me!



The Polish Museum of America would like to reach out to the PAEA Membership & sympathizers to ask for (pro bono) help with exploration, analysis and documentation of an ambitious project to re-organize, modernize, & prepare our jewel of Polonia for the next 80 years! The PMA is in the beginning planning stages of a renovation of the Sabina P. Logisz Great Hall, including the main hall, stage area, bathrooms, and other spaces on the floor.

Help is urgently needed in planning the space, creating accurate drawings, structural analysis to evaluate current & future proposals, etc. If interested in supporting this critical and major initiative, please contact Mrs. Victoria Granacki ([Granacki@aol.com](mailto:Granacki@aol.com) ; 773.472.1371).

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