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# 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, February 16<sup>th</sup>, 2018
- 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:** Mr. Jakub Szewczyk
- TOPIC:** Working in the Arctic
- 



## Mr. Jakub Szewczyk

Mr. Jakub Szewczyk is a structural engineer at Brindley Engineering Corporation, based in Lisle, Illinois. Brindley Engineering is a multi-discipline engineering firm with areas of focus in engineered maintenance, reliability and construction solutions for industrial facilities.

Mr. Szewczyk received his Bachelor of Science in Civil Engineering degree from the University of Illinois at Chicago and started working at Brindley Engineering in 2015. In addition, Mr. Szewczyk is a Certified Welding Inspector (CWI), holds an ACI

Level I Certificate for fresh concrete testing, and is one of the first ICRI Certified Concrete Surface Repair Technicians.

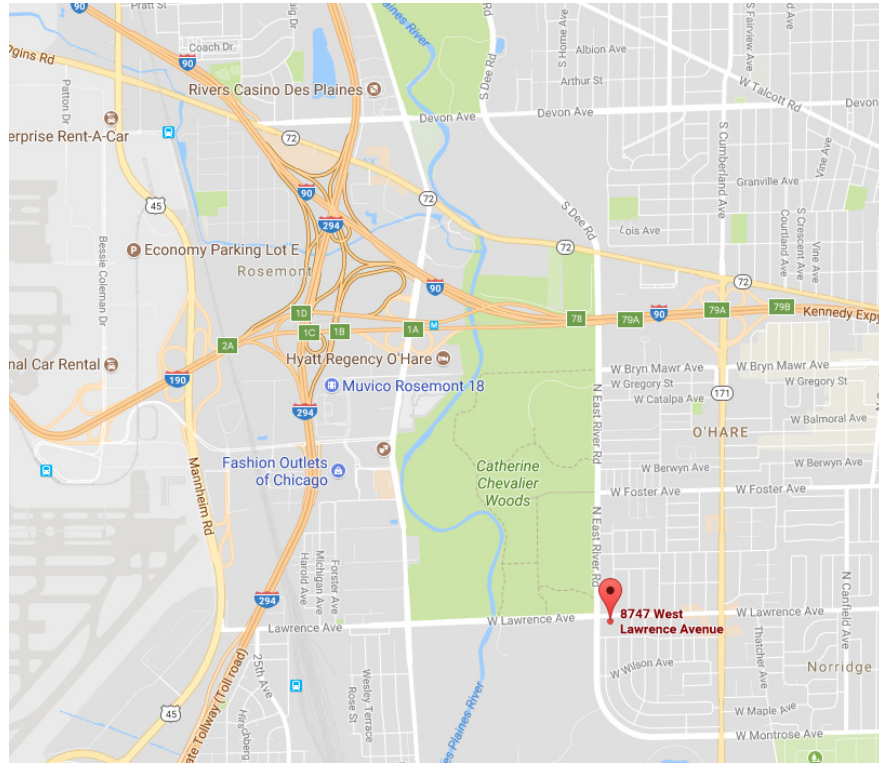
## ABSTRACT

An Oil and Gas facility turnaround is a scheduled event where a process unit or multiple process units are shut down for an extended period of time for planned maintenance and equipment upgrades. Structures in Oil and Gas facilities typically face aggressive environments due to the corrosive material and continuous operating conditions, creating a set of unique engineering challenges. One of the projects in which Brindley Engineering was involved is located in the North Slope Oil Field in Alaska (Prudhoe Bay, AK). Due to steel and concrete deterioration, caused by fin-fan vibration loads, high-temperature differential, and improper design details, the roofs of several modular structures required replacement. The presentation will focus on the challenges of work in the arctic environment as well as the overview of the project. It is targeted at structural engineers and inspection professionals.

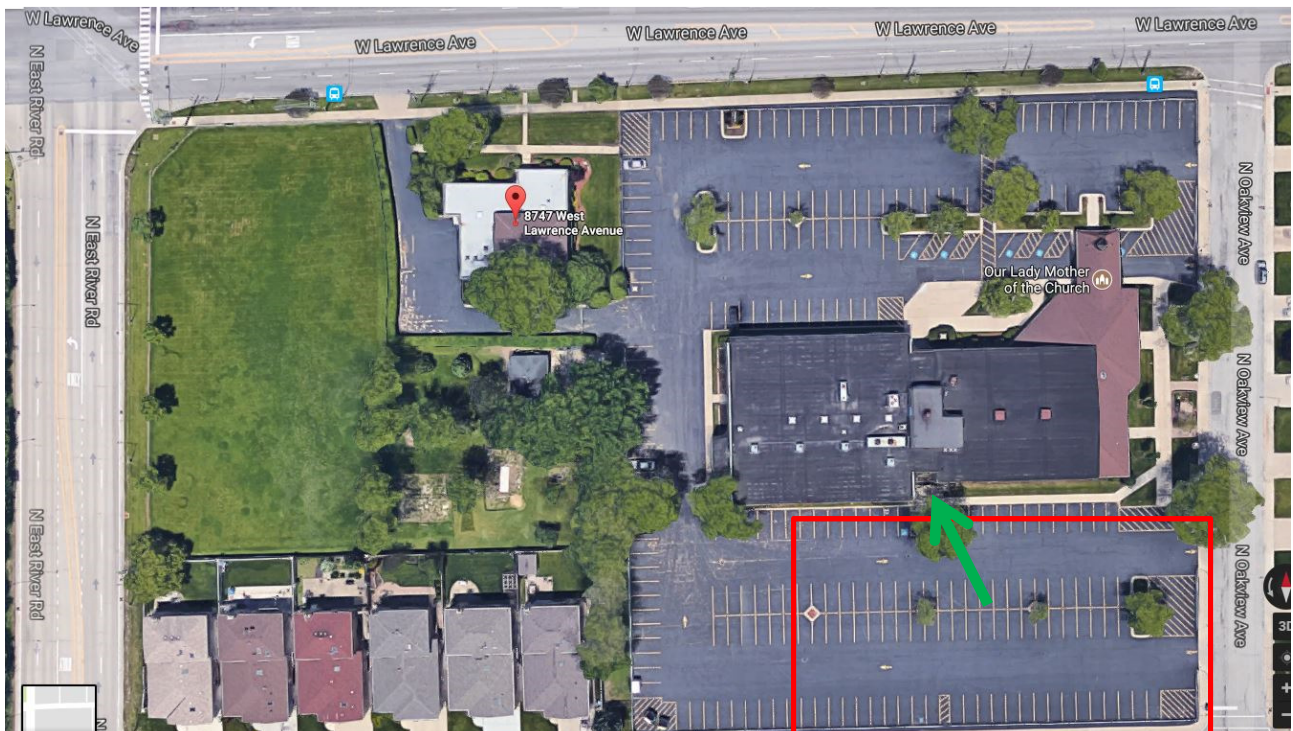
# PAEA Announcements

## 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):







In 1977, Illinois made Casimir Pulaski Day a legal holiday, the only state in the union that has done so. Join friends and supporters of the Polish Museum of America as your representatives in government celebrate the commitment of Polish Americans to liberty and justice for all in the United States of America.

[http://www.polishmuseumofamerica.org/?event=pulaski-day&event\\_date=2018-03-05](http://www.polishmuseumofamerica.org/?event=pulaski-day&event_date=2018-03-05)

## **PAC Pulaski Day Celebration at the Copernicus Center – 5 March @ 6pm**

PAEA Members and sympathizers are also invited to celebrate Pulaski Day with the Polish American Congress Illinois Division, at the Copernicus Center Annex (5216 W Lawrence Ave, Chicago, IL 60630) on Monday, March 5, 2018. The program begins at 6pm with cocktails, followed by a Tribute to General Pulaski & Awards Presentation at 6:30pm, and dinner at 7:45pm.

Tickets are available for \$45.00 per person. RSVP by calling Dr. Jan Plachta, 773-775-7599 or Ewa Cholewinski, 224-622-1517.

## **Polish Museum of America Looking for Consultants for Great Hall Renovation Project**

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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