#### 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, 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.

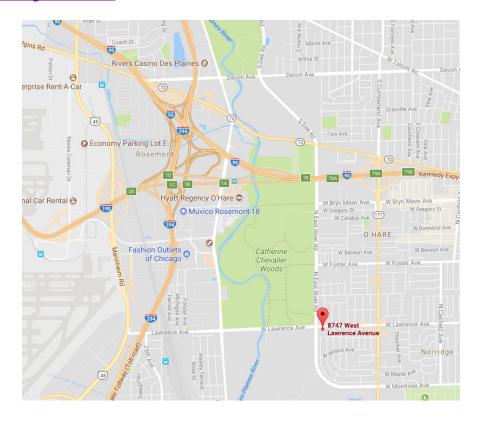
#### **ABSTRACT**

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):



#### **2018 MEMBERSHIP DUES**

There is no change is dues for 2018: \$70 per year, senior citizens and students \$35 per year.

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

Questions? You may inquire at the meeting or send an email to: <u>administration@polishengineers.org</u> You may send your dues directly to our 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.

Dues are critical in supporting the work of the PAEA- thank you for your support.

# Condolences & Apologies – Loss of Irena Niedzinski, Mother of Mirek & Wojtek Niedzinski

We must apologize to the Niedzinski family, as well as PAEA Members & sympathizers- we neglected to include information about the loss of Mrs. Irena Niedzinski, mother of our long-time members and supporters Mirek & Wojtek Niedzinski in our January Bulletin.

Mrs. Niedzinski passed to the next world January 10<sup>th</sup>, 2018. May her soul rest in peace. Wieczny odpoczynek racz jej dać, Panie, a światłość wiekuista niechaj jej świeci. Niech odpoczywa w pokoju.

Our heart-felt condolences to the Niedzinski family in this time of great loss- our thoughts and prayers are with you.

#### **Reminder- Job Postings**

The Administration is working to facilitate our mission of mutual support by offering to post job openings on our website, Facebook, and LinkedIn pages (as desired). Please send all job postings to: <a href="mailto:contact@polishengineers.org">contact@polishengineers.org</a>. Thank you!

# Reminder- Polish American Engineers Association on LinkedIn!

We would like to remind our Members & Supporters that the PAEA is on LinkedIn:

www.linkedin.com/groups/12032140

Check out our Group, become a member, and post interesting and relevant content. The more active we are, and the more interesting information we post, the more likely we are to attract others to our Group, in addition of course to the benefits of inter-Group communication.

### Reminder- the Polish American Engineers Association on Facebook

We would also like to remind our Members & Supporters that the PAEA is on Facebook:

https://www.facebook.com/Polish-American-Engineers-Association-PAEA-1153830014674800/

Please check it out, and help us keep it active by 'like'-ing and posting interesting material.

# **Special Interest**

## Michal Rejner Exibit @ Gallery Blanc -through 23 February

All PAEA Members & sympathizers are warmly invited to the exhibit of one of our talented young Poles (though not in Engineering!), Michal Rejner, entitled "Series 1." The exhibit is up through 23 February at Gallery Blanc (4445 S. Martin Luther King Dr., Chicago, IL). For more information about this truly remarkable young man's story, please see the Dziennik Zwiazkowy article below (in Polish):

http://dziennikzwiazkowy.com/polonia/374836/

Or check out his personal web page:

http://www.rejner.com/

# **Chopin IN the City – 22 February thru 1 March – multiple locations**

All PAEA Members & sympathizers are invited to attend the 2<sup>nd</sup> Annual Chopin IN the City festival. The festival takes place in multiple locations across Chicago, beginning 22 February, through 1 March. For details and the full schedule, please see:

http://soundsandnotes.org/#upcoming\_events

Once again, part of the festival will take place at the Polish Museum of America. On 28 February, at 8pm, Igor Lipinski, piano, plays Paderewski & Chopin; "Inspired by Music" art presentation by Andrzej Renes.

http://www.polishmuseumofamerica.org/?event=chopin-in-the-city&event\_date=2018-02-28

# Pulaski Day Celebration at the Polish Museum of America – 5 March @ 10am

PAEA Members and sympathizers are invited to celebrate Pulaski Day at the Polish Museum of America on Monday, March 5, 2018, with top officials from national, state, county, and city governments, as the State of Illinois pays tribute to the Polish community by honoring Revolutionary War hero Casimir Pulaski.

The program includes the traditional wreath-laying ceremony at Stanislaw Kaczor Batowski's painting of Pulaski at Savannah. Admission is free and the program begins promptly at 10 a.m. in the Sabina P. Logisz Great Hall of the Polish Museum of America, 984 North Milwaukee Avenue, Chicago.

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

## 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 at 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; 773.472.1371).

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