
POLISH-AMERICAN ENGINEERS ASSOCIATION

FOUNDED



IN 1934

1 Watergate Drive South Barrington Illinois 60010, USA • www.polishengineers.org

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

- DATE:** Friday, October 16th 2015
- TIME:** 7:30 p.m.
- PLACE:** Copernicus Center
Kings Hall
5216 W. Lawrence Avenue
Chicago, Illinois
- SPEAKERS:** Bartłomiej Bobek MS
- TOPIC:** Failure analysis of metallic components and materials – approach, thought process, steps and tools
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Bartłomiej Bobek MS

Bartłomiej Bobek is a staff metallurgical engineer with eleven years of experience at SGS MSI Testing and Engineering, Inc., an independent metallurgical testing and consulting laboratory located in Melrose Park, Illinois. As a metallurgical engineer and American Welding Society Certified Welding Inspector (AWS CWI) he is responsible for testing and analysis of the production and test weldments as well as other components.

Bartłomiej holds a Master's of Science in Materials Engineering and Metallurgy from the Academy of Mining and Metallurgy, Krakow (2004). Mr. Bobek is a member of the PAEA, and was elected to be member of the 2017 Nominating Committee.

ABSTRACT

The presentation shows failure analysis as a multiple-step process, using various tools of many different technical disciplines. Examples of analyzed failed components will illustrate the tools, thought process and reasoning behind the failure analysis. Chemical analysis, fractography, mechanical testing and microstructural analysis are the main failure analysis tools used in the typical metal industry setting

PAEA Announcements

The **New Administration** was introduced during the September 18th meeting.

President	--	ANDRZEJ PAWLOWSKI
1st Vice President	--	JERZY PIETROWSKI
2nd Vice President	--	EWA MROCZEK
Recording Secretary	--	KRZYSZTOF KOMPIEL
Financial Secretary	--	MALGORZATA GROCHAL
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KRZYSZTOF CHELMINSKI
BARTLOMIEJ BOBEK
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Newly Elected

MICHAEL NIEDZINSKI
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RICHARD KACZMAREK

Carried over from prior election

ANDRZEJ CZYSZCZON
ROMAN KORCZAK
DANUTA M.T. SZYMULANSKI

Total of twelve applications were received for the annual **Ralph Modjeski Scholarship** prior to May 31st deadline. Based on our criteria of academic credentials/scholastic achievements in the field of engineering, GPA, letters of recommendation, etc. **four individuals were identified as the recipients of the \$750 stipends.** They are listed below:

Madeline Molnor	- Milwaukee School of Engineering -- Civil Engineering; Junior
Piotr Wozny	- Iowa State University of Science and Technology – Mechanical Engineering; Senior
Szymon Krzeptowski Mucha	- Illinois Institute of Technology -- Computer Science; Junior
Kinga Pabjan	- University of Florida – Architecture; Senior

The **Chopin Theatre** is inviting all members to a **November 21st** evening event. It will be a light dinner/show featuring the play by **Slawomir Mrozek** titled “**Out at Sea.**“ The cost will be about \$30/person.

2015 MEMBERSHIP DUES. Please note that the dues schedule for 2015 have not changed. **Dues are \$50 per year, senior citizens and students \$25 per year.** We strongly encourage you to pay your 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: paea.members@gmail.com

You may send your dues directly to our Treasurer:

Mrs. Diana Kukawski
940 Beau Drive
Des Plaines, IL 60016

Special Interest

The **Polish American Congress** Illinois Division is inviting our organization to the **annual heritage Awards banquet** scheduled for October 25th at House of White Eagle.

The **Polish Museum of America** invites all Members & Sympathizers of the PAEA to the exhibit Opening of “Art of Nikifor Krynicki. Watercolors from the collection of Alfons Karny”; October 23rd, 2015; 7 - 9pm; at the PMA (984 N. Milwaukee Ave., Chicago, IL 60642). For details please see the PMA website:

www.polishmuseumofamerica.org

www.polishengineers.org