

All members, families and friends of **Polish-American Engineers Association** are cordially invited to attend our meeting. A business meeting will precede the technical presentation. Coffee and pastries will be served during the intermission.

DATE: **Friday, January 15, 2010**

TIME: **7:30 p.m.**

PLACE: **Polish National Alliance**
Museum Hall; Lower Level
6100 North Cicero Ave.
Chicago, Illinois

PLEASE TAKE NOTE OF THE NEW MEETING LOCATION.

Parking access information: <http://polishengineers.org/data/news/368.pdf>

PLEASE REMEMBER OUR WEB-PAGE ADDRESS: www.polishengineers.org

SPEAKER: **Mr. Michael Niedzinski, M.S.**
Director of Technology and Standardization, and
Product Development, Alcan Global ATI

TOPIC: **Development of Al-Li Armor plate**

Michael Niedzinski holds a position of Director of Standardization and Product Development at Alcan Global ATI, second largest producer of aluminum products in Western World. Michael is responsible for introduction of aerospace and defense related products and technologies, developed by Global ATI Technology Group to industry and government agencies such as MMPDS, SAE, AA and Air Force. These range from the latest aluminum structural components, latest generation of aluminum alloys and manufacturing technologies, which optimize and facilitate assembly techniques. Ultimately these products become visible to Boeing, Lockheed Martin, Bombardier etc. He is also involved in direct contacts with several manufacturers of aerospace and defense products such as rockets, armored personnel carriers etc. Prior to his current assignment Michael Niedzinski held a position of Vice president of Technology and Quality Assurance at McCook Metals, manufacturer of plate and sheet products which was acquired by Alcan in 2002. Michael obtained his BS and MS degrees from University of Illinois. Later he obtained an MBA from Illinois Institute of Technology. He published technical papers in Light Metals Age and Transactions of Metallurgical Society and Advanced Materials and Processes. He holds patents related to development of Aluminum-Lithium alloy (2297-T87) used for the new generation of F-16 interceptor.

During the past year Mr. Niedzinski added responsibility for Armor Plate to his Aerospace and Defense Product Development portfolio. Michael will provide an overview of the typical threats faced by military vehicles and describe solutions which incorporate Aluminum

Plate alloys. In particular he will provide an example of a novel Al-Li alloy which provides superior ballistic protection against projectile and fragment threats.



SPECIAL INVITATION for Polish engineers and technicians who recently came to Chicago.



POLISH AMERICAN ENGINEERS ASSOCIATION celebration of the 75th anniversary of our founding was a huge success. The 2009 Recognition Banquet was held on Sunday, the sixth of December, 2009 at the European Crystal Banquets 519 W. Algonquin Rd., Arlington Heights, IL. We had guests from San Francisco, California; Seattle, Washington; and from Poland. Professor Andrzej Nowak, President of the Council of the Polish Engineers in North America, was on his way from Poland to Nebraska. Professor Nowak informed about the Conference of Polish engineers from all over the world. This Conference is scheduled for September 8-10, 2010 and will be held at the Warsaw Polytechnic in Warsaw. Main Awards received: Jerry Paluszek, Senior Principal Engineer of The Boeing Company, for his accomplishments on behalf of worldwide aviation in the field of maintenance facilities, tools and aircraft recovery. Main Award was also presented to Dr. Andrzej Michalik in recognition of his numerous technical publications and his talks on the polish radio in Chicago. Twelve other awards were presented to distinguished members of our organization. Awards received: Michael M. Niedzinski; Walter Rymsha, P.E; Dr. Elzbieta G. Berak; Jozef Bozek; Krzysztof Chelminski; Grazyna Czyszczon; Richard Kaczmarek; Roman Korczak; Rene Pietrzyk; Edward Staruk; Stanley Witczak; and Jacek Zaworski.



After almost one year we were able to secure 25 members and their families needed to form a **Lodge within Polish National Alliance**. We will be joining as one of the first professional organizations;



PAEA 2010 Membership Dues. Our new Fiscal Year begins in January. Please plan to pay your 2010 dues this month. If you can not attend this meeting please mail your membership fee to our Treasurer (check payable to PAEA):

Mr. Rich Kaczmarek
1725 South Crescent
Park Ridge Illinois

Dues are \$50 per year; senior citizens and students \$25 per year.
Questions? You may send an email to: paea.info@gmail.com