

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

DATE: Friday, October 19, 2007

TIME: 7:30 – 8:00 pm Social time
8:00 pm – Business and Technical Session

PLACE: Copernicus Center
5216 West Lawrence Ave.
Chicago, Illinois

SPEAKER: Mr. Michael Niedzinski
Director of Technology and Standardization USA
ALCAN Aerospace

TOPIC: New advances in metals technology

Michael Niedzinski and his team are responsible for transfer of alloy technology from Europe to USA. He is providing a liaison function between ALCAN technology group, Aluminum Association, Aerospace Material Society and MMPDS which is part of FAA and Air Force Technology Think Tank. ALCAN Inc is a global fully integrated producer of aluminum products His team is responsible for development of technical data needed to justify AMS specifications while coordinating new applications in the Aerospace, Defense and Marine Industries. He is working closely with Aerospace users and aluminum mills to provide analysis of potential commercial and defense aerospace applications which facilitate implementation of a new generation of Al-Li metallic solutions. New products portfolio includes AMS and MMPDS documentation on a series of conventional 7XXX, 2XXX and Al-Li products developed by ALCAN Inc and previously by Reynolds Metals. During the past 20 plus years he held technical management positions with McCook metals and Reynolds and was involved in developing metallic solution for Space Shuttle, B717, F-16 more recently F35 and variety of other aircraft. Likewise he works on light weight Armor Systems urgently needed for the most recent conflict in the Middle East.

Mr. Niedzinski received his BS and MS in Materials Engineering from University of Illinois with thesis titled “Thermodynamics of AOD process for ELC stainless steels” He also has MBA from Illinois Institute of Technology Stuart School of Management specializing in Operations Management

He is a member of American Society for Metals, member of AMS; past Chair of ISG section of MMPDS, current vice chair of SCATR of Aluminum Association, member of ASTM. Mr. Niedzinski made several presentations at ASM sponsored AEROMAT sessions, co-authored numerous papers. His articles were published in Advanced Materials & Processes, Light Metals Age, TMS,

Michael Niedzinski will share with us the new advances in metals technology aimed at countering the encroachment of composites in the Aerospace applications. Even though Boeing 787 will be built using composite technology many components (originally slated for carbon epoxy) are being reengineered using advanced metallic solutions such as new generation of Al-Li products and advanced metal joining techniques. Additionally there is a push to implement the best of metals and composites and several optimized (metal/composite) designs were accepted on an industrial scale.

New administration was elected for the 2007-2009 Season. We are very grateful to the Nominating Committee which consisted of Grazyna Czyszczonek, Elizabeth Berak and Joe Bozek for their outstanding effort.

New administration for 2007-2009 period is:

Jacek Zaworski	Secretary
Roman Korczak	Financial Secretary
Richard Kaczmarek	Treasurer
Walter Rymysza	2 nd Vice president
Jan Plachta	1 st Vice president
Michael Niedzinski	President

Additionally Mr. Janusz Labedz was nominated to the position of Director of New Member Committee. We are looking for two additional volunteers to assist in this activity.

Nominating Committee for the 2009 election consists of Elizabeth Berak, Joanna Jacobs and Peter Franus.

Auditing Committee for 2007-2009 consists of Grazyna Czyszczonek and Edward Staruk

We would like to thank our outgoing Financial Secretary Stanley Witczak for his outstanding work and efforts to keep us financially solvent during the past several years.

PRESIDENT OF POLAND – JAROSLAW KACZYNSKI visited Chicago. A large group of our members participated at an official luncheon in honor of President Kaczynski and in the evening attended an excellent concert which featured a number of Polish artists. Concert was held at the downtown Millennium Park on the Chicago Lakeshore.

KAZIMIR PATELSKI an outstanding aeronautical engineer and manager will be inducted into the **Illinois Engineering Hall of Fame**. Kazimir Patelski was a Manager at Houston Mission Control for the Rockets on all Saturn/Apollo Moon Landings. On Apollo 13 his team helped develop the “fix” that made possible to join the square command module carbon dioxide filter to the circular lunar module filter. For their efforts in assuring the safe return of Apollo 13 Astronauts, his team received the Presidential Medal of Freedom from President Richard Nixon. The 69th Illinois Engineering Council Annual Awards Banquet is scheduled for Saturday, October 13th, 2007 at the White Eagle

Banquet Hall, 6839 N. Milwaukee Ave., Niles, Illinois. The keynote speaker is Vinyak P. Dravid, PhD, professor of Materials Science & Engineering at the Northwestern University. Professor Dravid will speak on “Nanotechnology: Hip, Hype or Horrible?!” All members of our organization are invited to attend this event, please contact our President Mr. Michael Niedzinski at 773 415 1818 or Mr. Jan Plachta at 773 775 7599.

CNC COURSES: The Polish School of Programming the CNC Machines started on September 16, 2007. For detail information please call: 847-439-9175 or: contact@WellDoneChicago.com. After completed the course in industrial training at the Melrose Mold & Machining facility the graduates find jobs in businesses friendly with the school. Instructors are Polish engineers with several years of training in the USA. The classes are conducted in Polish using English vocational terminology. English and Polish textbooks are used; the library has the most recent technical publications.

A business meeting will precede the technical presentation. Coffee and pastries will be served during the intermission. **SPECIAL INVITATION for Polish engineers and technicians who recently came to Chicago.**