

All members, families and friends of Polish-American Engineers Association are cordially invited to attend our May 2008 meeting.

**DATE:**                   **Friday, May 16, 2008**

**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. Robert “Bob” Iossi**  
Regional Business Development Manager  
Maverick Technologies, Tinley Park, IL.

**TOPIC:**               **Commercial and Industrial Automation Industry Robotics**

**Mr. Robert “Bob” Iossi** has over 30 years of experience in the Commercial and Industrial Automation Industry, including Robotics. He is also known as one of the “pioneers” of the Services and Project Management Methodologies.

Mr. Iossi graduated from the U.S. Navy BS Engineering, and specialized in Satellite and Microwave Communications. His assignment as Officer-in-Charge took him to the Naval Transmitter Station in Bahrain, Middle East. He also served on the COMIDEASTFOR (Commander Middle East Forces) Staff where he completed his military obligation. Mr. Iossi completed his Services and Project Management (PPM) at the University of Wisconsin, Madison, WI.

Mr. Iossi then held a Plant Engineers position at Caterpillar in Davenport, IA. He joined Allen-Bradley Co., now Rockwell Automation holding eight different engineering and sales management positions. He then became the North American Marketing and Sales Manager for Progressive Tool & Industry Co. (PICO/Comau Pico) and opened the Regional Office in Chicago to support the Ford Taurus to 500 Line Conversion for the three year project. His next challenge was as Operations and Consulting Manager for AB Automation Solutions and is now the Regional Business Development Manager for Maverick Technologies in Tinley Park, IL.

Mr. Iossi is the current Chairman, Society of Manufacturing Engineers (SME) for the largest SME Chapter in the US. Past Board Member for SME (3 years). Past Chairman, and Board Member for the Chicago Area Industrial Advisory Board (15 years).

Significant Projects:

- Automation of Kennedy Expressway Lane opening/closures Project

- Inland Steel, East Chicago, IL - Galvanizing Hot Dip 48" Continuous Steel Processing Line using A-B AC Drives and PLC's
- Consulting on the Joint Strike Fighter (JSF) Composite Wing Material Drilling with Lockheed and Boeing Aircraft
- Firestone Decatur Tire Plant Investigations regarding Manufacturing Processes
- Ford Assembly Plant, Chicago, IL - Managed Taurus to Ford 500 Project with Kawasaki Robots
- Water/Wastewater Project at Stickney – Centrifuge to convert waste into fertilizer.
- Maytag/Whirlpool, Herrin, IL - Stamping Press Automation using Kawasaki Robots
- Harley-Davidson, Kansas City, MO - Automated ABB Robotic and Vision Multi-Frame Welding System
- Genesis Systems Group, Davenport, IA - Fanuc Robotic Weld/Stamping Press Cells

**BYDGOSZCZ HONORS RALPH MODJESKI.** On May 15, 2008 the City of Bydgoszcz in Poland will honor Ralph Modjeski, the Great Polish-American Bridge Builder. Fordunski Bridge over the Vistula River will be given a name of Ralph Modjeski. This ceremony is organized by the Technical University of Bydgoszcz, in cooperation of the Council of Polish Engineers in North America. Mr. Michael Niedzinski M.S. is representing our organization at the Celebration Committee. The festivities will be attended by notable Polish Government representatives, in attendance will be also a representative from the Consulting Office “Modjeski and Masters”, based in Harrisburg, Pennsylvania. This office was founded by Ralph Modjeski in 1893, and is now the oldest Consulting Office with Bridge Building expertise. Professor Andrzej Nowak from the University of Nebraska will be attending with numerous other professors of American Technical Universities. On May 16, 2008 at the Technical University of Bydgoszcz an International Symposium titled “Bridges Then and Now” will be held. At this Symposium **Dr. Jan Plachta** will be giving a presentation on Bridges of Ralph Modjeski.

PAEA participated in the annual **May 3<sup>rd</sup> Parade**. About 40 members and sympathizers participated. Parade was followed by the traditional lunch and a concert in the Millennium Park

**Mr. MICHAEL NIEDZINSKI, M.S.** gave a presentation at the Illinois Institute Technology on April 30<sup>th</sup> 2008. About 50 members of the faculty and students attended the presentation. Abstract of the presentation is given below.

*Aerospace aluminum which dominated aircraft structures during the past 80 years is facing a very serious challenge. Recent decisions by Boeing and Airbus to use composite structures for B 787 and A 350 forced the aluminum industry to rethink their strategy. Significant R&D funding over the past 15 years was allocated to develop a new generation of Al-Li alloys, commercialize novel joining techniques such as Friction Stir Welding and consider hybrid structures (metal/composite). Examples of new solutions and compromises are given.*

Mr. Janusz Labedz and Michael Niedzinski attended April 28<sup>th</sup> symposium titled **Innowacyjność - transfer technologii, kształcenie i wdrażanie**. Meeting took place at the Polish Consulate in New York and was hosted by Polonia Technica and Council of Polish Engineers in North America. Dr. Andrew Nowak was the coordinator of the event.

**Dr. Ron Wolosewicz and Mr. Mirek Noyszewski developed a starting document for the PAEA Board of Directors. BoD will assist and provide guidance to the Administration and ensure long term sustainability of PAEA**

**RALPH MODJESKI SCHOLARSHIP.** As in previous years we will be accepting scholarship applications. Amount of scholarships will depend on the results of our fundraising efforts. Applications should be mailed by the end of June 2008. Scholarship Committee will perform review during July 2008, and award is scheduled for our September meeting. For applications or additional information please check our website: [www.polishengineers.org](http://www.polishengineers.org) or call Miroslaw Niedzinski 773-415-1818, Jan Plachta 773-775-7599 or Walter Rymysza 847-806-1704.

**PAEA PICNIC ...**

**Please mark your calendar! Our Picnic will be held this year again at the Fourth Lake Resort in Lake Villa, IL. on Saturday, June 21, 2008.**

A business meeting will precede the technical presentation. SPECIAL INVITATION to Polish engineers and technicians who recently came to Chicago.

**Do not forget about your financial obligations as a member of PAEA. We need your dues to run our organization effectively. It is already May. If you can not attend May meeting please mail your membership fee to our Treasurer:**

**Mr. Rich Kaczmarek  
1725 South Crescent  
Park Ridge Illinois**