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# POLISH-AMERICAN ENGINEERS ASSOCIATION

FOUNDED



IN 1934

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6615 West Irving Park Road, Suite 202, Chicago, Illinois 60634, USA • [www.polishengineers.org](http://www.polishengineers.org)

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*President:*  
Michael  
Niedzinski

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

*Vice President:*  
Jan Plachta

DATE: **Friday, September 17th, 2010**

*Vice President:*  
Walter Rymysza

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

*Secretary:*  
Jacek Zaworski

PLACE **Polish National Alliance**  
6100 North Cicero Ave.  
Chicago, Illinois

*Treasurer:*  
Richard  
Kaczmarek

SPEAKER: **Mr. James Pawlikowski**  
Associate Director  
Structural and Civil Engineer  
Skidmore, Owings & Merrill, LLP

*Financial  
Secretary:*  
Roman Korczak

TOPIC: **Burj Khalifa –Tallest man made structure**

On January 4, 2010, the **Burj Khalifa** (formerly the Burj Dubai) officially opened, and in so doing officially claimed its title of not only the tallest building in the world, but also the tallest manmade structure. At 828m and over 160 stories in height, Burj Khalifa is 320m taller than the previous record holder. Designed by the Chicago office of Skidmore, Owings & Merrill LLP, it is a project almost 7 years in the making between all design and construction phases. The project represents the collaboration of literally thousands of people from across the globe, all striving to build a structure which pushes the limits of our current technology in order to create something never before seen. James Pawlikowski, one of the senior structural engineers for the project, will provide an overview of the features of the world's tallest building, as well as the challenges faced in designing this unique and unprecedented structure.

**James J. Pawlikowski** is an Associate Director in the Structural and Civil Engineering group at Skidmore, Owings & Merrill, LLP. In his career at SOM, James has worked on many significant projects throughout the world. He has had lead roles in such projects as the Burj Dubai, the Lotte Super Tower in Seoul, the Plot 16 development in Moscow, and the new NATO headquarters in Brussels. He has also been significantly involved in other notable projects such as Tower Palace III in Seoul, and the General Motors Renaissance Center redevelopment in Detroit. James holds a masters degree in architecture and structural engineering from the University of Illinois at Urbana-Champaign. He is a licensed structural engineer as well as a LEED Accredited Professional. James is currently a member of the American Society of Civil Engineers (ASCE), the Structural Engineers Association of Illinois (SEAOI), and the National Institute of Building Sciences (NIBS). He is also the Secretary of the Structural Engineers

Foundation. James was the recipient of the 2008 SEAIO Outstanding Young Structural Engineer Award.



Nominating Committee will announce results of the **bi-annual elections**. New administration will be introduced during September 17<sup>th</sup> meeting and will assume their duties during October 15<sup>th</sup> meeting. We will also finalize status of the Board of Directors.



**Ralph Modjeski scholarship** drive generated 22 highly qualified applicants. After a lot of deliberations five individuals were selected as the recipients. Their names, school affiliation and final score are shown below. Selection criteria will be detailed.

1. Patryk Mastela, Electrical Engineering and Computer Science, University of Michigan, Ann Arbor - PAEA score 85 points;
2. Gretchen E. Heberling, Architectural Engineering, University of Wyoming - 84 points;
3. Alisha Gryniewicz, Industrial and Enterprise System Engineering, University of Illinois U-Ch -80 points;
4. Christopher Ploch, Engineering, Hope College (admitted to Stanford for his senior year) - P79 points;
5. Silvia Sutkowski, Civil and Environmental Engineering, Pennsylvania State University - 74 points.



## **WORLD CONVENTION OF POLISH ENGINEERS, WARSAW 8-10 SEPTEMBER, 2010**

System transformation in Poland and regaining sovereignty have created new conditions and opened new cooperation opportunities for Polish engineering communities in Poland and abroad. Their calls for the world-scale integration of engineering communities as well as dissemination, promotion and application of Polish engineering achievements in various fields of science and technology and their implementation in economy were an incentive to organize the World Congress of Polish Engineers. That idea was the grounds for signing an agreement on Congress organization between Professor Włodzimierz Kurnik, Rector of Warsaw University of Technology and Mr. Andrzej Drzewiecki, representing the Council of Polish Engineers in North America, and then between Professor Włodzimierz Kurnik, Rector of Warsaw University of Technology and Ms Ewa Mankiewicz-Cudny, President of the Federation of Engineering Associations - NOT.

The World Congress of Polish Engineers is the continuation of engineering seminars ‘Poles Together’, organized by NOT since 1996 and many other initiatives by organizations of the Polish community abroad from Europe and North America, as well as the Association 'Polish Community' (Wspólnota Polska). The Congress will be an excellent forum for the presentation of most important scientific and economic issues being of interest to Congress participants and an opportunity to establish contacts and cooperation, especially in the field of innovation and high-tech. **PAEA is represented by Dr. Jan Plachta, Janusz Kulczuga and Leszek Kocjan.**



**P.A.E.A. MEMBERSHIP DUES.** If you are late with your dues please remember to send us your check. Dues are \$50 per year, senior citizens and students \$20 per year. Questions? You may send an email to: [paea.info@gmail.com](mailto:paea.info@gmail.com)

**[www.polishengineers.org](http://www.polishengineers.org)**