
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, April 19th, 2013

TIME: 7:30 p.m.

PLACE: Copernicus Center
Kings Hall
5216 W. Lawrence Avenue
Chicago, Illinois

SPEAKER: Craig Studer P.E.
Nicholas Ozog P.E.

Rolf Jensen and Associates, Inc.

TOPIC: Smoke Control Systems and Common Pitfalls



Craig Studer P.E.

**Professional
Experience**

Craig Studer is a Vice President with Rolf Jensen & Associates, Inc. Since 1970, Mr. Studer has designed, supervised the installation of and commissioned fire protection systems, including sprinkler, special suppression, emergency voice communication, fire alarm and smoke control systems for high-rise buildings, hospitals, universities, regional shopping malls, telephone switching facilities and large hotels. His work also includes expert witness for litigation and third party inspection and testing services for Code authorities and clients.

Mr. Studer was employed from 1984 to 1998 by Rolf Jensen & Associates, Inc. as a Senior Consulting Engineer and Associate Manager. In 1998 he moved to Fire Protection Management, Inc. (FPM), a former construction management subsidiary of The RJA Group, as the Operations Manager for the Chicago office. In 2000, Mr. Studer moved to the Los Angeles area office as Vice President/Operations Manager of FPM, and subsequently as Vice President/Operations Manager of RJA. Mr. Studer returned to the Chicago office this year.

**Relevant Smoke
Control Project
Experience**

MGM Tower, Century City, CA
Colburn School, Los Angeles, CA
Maraville at Vernon Hills, Vernon Hills, CA
California State University, San Bernadino, CA
St. John's Hospital, Santa Monica, CA
Bayside Residential High Rise, San Diego, CA



Nicholas Ozog P.E

Professional Experience

Mr. Ozog is a Consultant in the Chicago office of Rolf Jensen & Associates, Inc. (RJA). Mr. Ozog graduated from the University of Maryland in May of 2007 where he received a Master of Science degree in Fire Protection Engineering. He had previously received a Bachelors of Mechanical Engineering from Villanova University.

Mr. Ozog has provided code analysis to architects and end users for all occupancy classes, including high hazard, for projects ranging in location from Chicago, IL to Dubai, UAE. Mr. Ozog also conducts analysis of atria and smoke control systems using computer models. He has provided fire protection services to a variety of military projects including dormitory and healthcare. Mr. Ozog specializes in building code consulting, healthcare code and physical site assessments. He also participates in fire investigations, litigation project research, fire alarm and sprinkler system design, and direct construction administration services.

Relevant Smoke Control Project Experience

Rehabilitation Institute of Chicago, Chicago, IL
Gunderson Lutheran Hospital, LaCrosse, WI
Lake County Courts, Waukegan, IL
Advocate Lutheran General Hospital, Park Ridge, IL
Northwestern BC & FG Infill, Evanston, IL

Education

University of Maryland, College Park, MD
Master of Science in Fire Protection Engineering

Villanova University, Villanova, PA
Bachelor of Mechanical Engineering

Abstract

Nick Ozog, P.E. and Craig Studer, P.E. of Rolf Jensen and Associates, Inc. (RJA) will be providing an overview of smoke control systems that are designed to comply with the International Building Code (IBC) and NFPA 92, *Standard for Smoke Control Systems*. RJA will focus on pitfalls encountered both in the design and construction stages along with common challenges during special inspections, and best practices from projects across the United States.

Special Announcement

We are reminding our members about the **symposium which is being organized in Warsaw on June 26-28th**. All details are being provided below. We have been advised that Delegation from US and Canada will obtain a discount on the registration fee. All US and Canada based attendees will be paying 450 PLN. **Additionally all attendees from US who are 35 years or younger specifically (engineers and students of engineering) will be provided housing and a 2000 PLN voucher to reduce their airfare from USA.**

All those interested should contact Dr. Andrzej Nowak:

Anowak2@unlnotes.unl.edu or one of the following phone numbers 402-472-1376 or 402-326-8134

	<h3>II ŚWIATOWY ZJAZD INŻYNIERÓW POLSKICH</h3> <p>WARSZAWA, 26-28 czerwca 2013</p>	
	<p>ORGANIZATORZY:</p> <p>POLITECHNIKA WARSZAWSKA</p> <p>FEDERACJA STOWARZYSZEŃ NAUKOWO-TECHNICZNYCH NOT</p> <p>RADA POLSKICH INŻYNIERÓW W AMERYCE PÓLNOOCNEJ</p> <p>EUROPEJSKA FEDERACJA POLONIJNYCH STOWARZYSZEŃ NAUKOWO-TECHNICZNYCH</p>	 

KOMITET ORGANIZACYJNY – Prezydium
 Stanisław Radkowski – przewodniczący, PW
 Jerzy Gumiński – wiceprzewodniczący, FSNT NOT
 Aleksander Szulezyk – wiceprzewodniczący, PW

TERMIN I MIEJSCE ZJAZDU

26-28 Czerwiec 2013 r.
 Gmach Główny Politechniki Warszawskiej (Warszawa, Pl. Politechniki 1),
 Warszawski Dom Technika Federacji Stowarzyszeń Naukowo-Technicznych NOT (Warszawa, ul. Czackiego 3/5).
 Obrady rozpoczną się 26 czerwca o godz. 10.00.

TERMIN REJESTRACJI UCZESTNIKÓW

- 31.12.2012 – wstępna rejestracja uczestników
- 15.04.2013 – termin wpłaty wpisowego i rejestracji uczestników

Rejestracja uczestników odbywa się **WYŁĄCZNIE** drogą elektroniczną: www.szzip.org.pl

ZAKWATEROWANIE

Rezerwacji noclegów można dokonać za pośrednictwem Biura Światowego Zjazdu Inżynierów Polskich. Informacje na stronie www.szzip.org.pl
 Wykaz miejsc noclegowych, które dla uczestników Zjazdu przygotowały specjalną ofertę:
 Centrum Szkoleniowo-Konferencyjne KZRS „Sch”
 Hotel MDM, Metropol, Dom studencki PW, Hotel Mazowiecki

IMPREZY TOWARZYSZĄCE

- 26 czerwca 2013 r. – **Gala Polskich Inżynierów**
- 27 września 2013 r. – **Wieczór „POLACY RAZEM”**

WPISOWE

	przed 15.04.2013	po 15.04.2013
Oplata dla uczestników	850 PLN	1050 PLN
Oplata dla studentów, doktorantów i absolwentów, którzy nie ukończyli 30 lat	400 PLN	600 PLN
Oplata dla osób towarzyszących	350 PLN	550 PLN

Nr konta Bank Millennium S.A.: 11 1160 2202 0000 0001 4915 1589

Istnieje możliwość wnoszenia opłat kartą kredytową.

Oplata za uczestnictwo w ŚZIP obejmuje: udział w obradach ŚZIP, przerwy kawowe, obiady, materiały Zjazdu, Galę Polskich Inżynierów oraz Wieczór „POLACY RAZEM”.

Program dla osób towarzyszących obejmuje: obiady, Galę Polskich Inżynierów i Wieczór „POLACY RAZEM”.

STRONA WWW ZJAZDU

www.szzip.org.pl



INŻYNIEROWIE
OJCZYŹNIE I ŚWIATU

II ŚWIATOWY ZJAZD INŻYNIERÓW POLSKICH
WARSZAWA 26-28 CZERWCA 2013

PROGRAM II ŚWIATOWEGO ZJAZDU INŻYNIERÓW POLSKICH Warszawa, 26 – 28 czerwca 2013

Program Zjazdu obejmuje współdział inżynierów polonijnych w realizacji :

- Strategii rozwoju nauki i gospodarki w Polsce, ze szczególnym uwzględnieniem: infrastruktury, odnawialnych źródeł energii, ekologii, gospodarki wodnej, przemysłu wydobywczego i cyfryzacji
- Wymiany studentów, doktorantów i staży
- Wspólnych przedsięwzięć, konferencji, sympozjów i projektów

II Światowy Zjazd Inżynierów Polskich

program ramowy

środa - 26 czerwca 2013 POLITECHNIKA WARSZAWSKA		
godz.	Mała Aula	Sala nr ...
9.00 ... 11.00	Recepcja Hol przy głównym wejściu do Gmachu PW	
11.00 ... 12.30	Sesja Otwierająca	
12.30 12.45	Otwarcie Wystawy Boczne krużganki gmachu PW poziom 1 i 2	
12.45 ... 14.00	Obiad Sala 206 i lewy krużganek PW poziom 2	
14.00 ... 16.00	Sesja Panelowa I Innowacyjność - strategia, oczekiwania, możliwości	
16.00 16.30	Przerwa kawowa	
16.30 ... 18.30	Sesja Panelowa II-1 Możliwości wdrożeń w Polsce i za granicą	Sesja Panelowa II-2 Infrastruktura i transport
18.30 ... 20.00	Czas wolny	
20.00 ... 23.00	GALA INŻYNIERÓW POLSKICH	

czwartek - 27 czerwca 2013 WARSZAWSKI DOM TECHNIKA NOT		
godz.	Sala A	Sala B
8.00 ... 9.00	Recepcja Hol przy głównym wejściu do Gmachu WDT	
9.00 ... 11.00	Sesja Panelowa III-1 Wdrożenia: potrzeby i możliwości	Sesja Panelowa III-2 Techniki Informatyczne
11.00 11.30	Przerwa kawowa	
11.30 ... 13.30	Sesja Panelowa IV Stowarzyszenia naukowo-techniczne platformą spotkania nauki i biznesu	
13.30 ... 15.00	Obiad Restauracja Awangarda, WDT poziom 0	
15.00 ... 17.00	Sesja Panelowa V-1 Ścieżki kształcenia inżynierów	Sesja Panelowa V-2 Szanse i zagrożenia dla przemysłu energetycznego - ujęcie Polska-Świat
17.00 17.30	Przerwa kawowa	
17.30 ... 19.00	Sesja Zamykająca	
19.00 ... 20.00	Czas wolny	
20.00 ... 23.00	WIECZÓR POLACY RAZEM	

piątek - 28 czerwca 2013	
godz.	
9.30 10.00	Wyjazd zorganizowanymi środkami transportu spod WDT NOT
10.00 ... 13.30	Zwiedzanie firm, laboratoriów, Instytutów Badawczych oraz Uczelni

Administration Updates

We would like to acknowledge a very **generous donation** of \$300 provided by one of our members, Dr. Zbigniew Kubala. Donation will be used to strengthen our 2013 Scholarship Fund.

Qualified students are urged to apply for **2013 Ralph Modjeski scholarship**. Three students will be awarded scholarships.

We have been in contact with Metropolitan Water Reclamation District of Chicago regarding a **field trip to pumping station of the Deep Tunnel**. We will have an opportunity to view pumping station and ancillary equipment located 300 feet underground. Two dates are being considered May 11th and 19th. More details are forthcoming.

May 3rd Parade will take place on Saturday May 4th. Details of our participation are expected shortly and will be send to all members and sympathizers.



Archives: May 3rd Parade 2012

10th Annual Midwest Bridge Symposium - April 25, 2013

Maggiano's Little Italy 111 W. Grand Ave., Chicago, IL
Structural Engineers Association of Illinois (SEAOI)



Since 2004, the SEAOI Annual Midwest Bridge Symposium has been held in Chicago to provide a forum for bridge engineers to share analysis, design + construction information from recent projects with unique + distinguishing characteristics. Typically, the 150+ attendees represent every aspect of the bridge industry including: design, construction management, material suppliers, academia, general contracting, owner representatives from various Departments of Transportation + FHWA.

More information about the event <http://www.seaoi.org>
http://www.seaoi.org/documents/2013_Symposium_Announcement3.pdf

Dr. Jan Plachta is organizing a **two-day trip to New Orleans** to participate in the opening ceremony of the renovated Huey P. Long Bridge which was designed by Ralph Modjeski. Part of the festivities will be a 5k run/walk across the bridge. Ceremony will take place on June 16th. Details of the run/walk will be provided by dr. Jan Plachta. For more information, visit: <http://hueyprun.com/>

Brief history of bridge renovation - Louisiana Department of Transportation and Development (DOTD) Secretary Sherri H. LeBas announced that the Huey P. Long Bridge in New Orleans will be fully open to drivers on June 16, 2013, approximately four months ahead of schedule. The bridge is now in the final phase of a \$1.2 billion widening project started in 2006 shortly after Hurricane Katrina. When completed, the bridge will have three 11-foot lanes in each direction with 8-foot outside and 2-foot inside shoulders. The driving surfaces will more than double from the original 18 feet wide to 43 feet wide on both sides of the bridge.

"We are proud to announce the early and on budget completion of the amazing improvements being made to the Huey P. Long Bridge," Sec. LeBas said. "Motorists are already experiencing the benefits as they drive on newly opened ramps, overpasses and lanes. In June of this year, you will see the total rebirth of this iconic bridge meaning it will be safer, quicker and easier to get where you need to go." Drivers began using two new lanes on the bridge in April 2012 so that the old lanes could be removed and the new lanes expanded to their final width on the bridge. New ramps and overpasses are in use on the East and West Banks. Two additional ramps and overpasses along with the new lanes on the bridge itself will be completed prior to the opening. Additionally, new intersections with traffic signals at Bridge City Avenue and Jefferson Highway are being constructed.

"We are committed to delivering this bridge as promised on June 16, 2013," said Steve Spohrer Director of Louisiana TIMED Managers, who is managing the joint venture constructing the bridge. "We are proud of the great improvements that have been made and appreciate the patience drivers have displayed as construction has progressed on the bridge."

Work to be completed on the bridge includes a new overpass of Bridge City Avenue in the East Bank bound direction. It is expected to be completed in the next two months. The final overpass to be completed with is over Jefferson Highway in the West Bank bound direction. It will be finished shortly before the opening date for the entire bridge.

Workers are also busy widening the lanes on the main part of the bridge over the river. Once they are completed, concrete barriers between the lanes currently in use and the newly constructed lanes will be removed. Traffic will be allowed on all lanes following a bridge dedication ceremony on June 16. The ceremony will begin in the morning of June 16 with a 5K race/walk on the bridge. A ribbon-cutting, entertainment and other festivities will also be part of the celebration of the new, wider bridge.

"The Huey P" was the first Mississippi River Bridge in New Orleans when it opened in 1935. It was the longest railroad bridge in the world for about 15 years. Prior to the bridge being built, railroad cars had to be ferried across the river.

Louisiana Governor Huey P Long was responsible for the addition of driving lanes for automobiles during construction of the bridge, which began in 1932. He provided the New Orleans Public Belt Railroad with \$7 million to build the two narrow lanes in each direction. The lanes were adequate for the types of vehicles and limited traffic of the time, but were not wide enough for today's large trucks and more than 50,000 vehicles per day. five-minute video telling the story of the Huey P Long Bridge is available at www.youtube.com/hueypbridgewidening. For more information go to www.hueypbridge.com.

2013 MEMBERSHIP DUES. Please note that the dues schedule for 2013 did not change. Dues are \$50 per year, senior citizens and students \$25 per year. We strongly encourage you to pay your dues in January or, if not possible, in February. 2013 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.info@gmail.com

www.polishengineers.org