

# Queens Chapter New York State Society of Professional Engineers The Drawingboard

November 2016

Volume 16, Number 11

## In This Issue

- Meeting Notice
- Presentation Outline
- City and State Rules
- Link of the Month
- National Infrastructure Investment
- Sponsors, Vendors and Professional Services

## Board of Directors

George L. Tavoulareas, P.E.	President. (718) 352-0025
Richard Berkenfeld, PE	1st Vice Pres.
Sam Ainechi, PE	2nd Vice Pres
John Sgouros, P.E.	Treasurer (718) 956-3488

Editor/Publisher  
[Tony DiRuggiero, P.E.](#)

[www.nspequeens.org](http://www.nspequeens.org)

## Next General Membership Meeting

The next general membership meeting will be held on Thursday November 17, 2016 at 6:15pm. at 422 Weaver Ave in Ft. Totten, NY

The admission fee is \$20 for members and \$30 for non members.

6:15-7:00pm Buffet Dinner

7:00-7:30pm General Membership Meeting

7:30-8:30pm Presentation – "Daylighting and Glare Control"

Happy Thanksgiving everyone.

## Presentation Outline

### Daylighting and Glare Control for Advanced Building Facade Performance

**Sam Missimer**, LEED-AP, SAME, of Advanced Glazing, LTD will introduce new techniques for LEED and Net Zero envelope delivery on both new and retrofit projects including the Solara fully-custom IGU system which uses computer modeling to assign custom optical properties, allowing harvesting of full-spectrum, glare-free daylight deep into occupied spaces. As a translucent, Solara can then incorporate aerospace material, aerogel - allowing unprecedented levels of thermal and acoustical insulation - as high as R25 and OITC 38.

## Immediate Past Presidents

Chris Petallides, P.E.	2008/2010 2004/2005 1998/2000 (718) 961-4342
Brian Flynn P.E.	2006/2008 (718) 707-0416
John Zurita, P.E.	2002/2003 (718) 756-0320
Sal Galletta, P.E.	2000/2002 (212) 788-8199
Joel Miele, Jr., P.E.	1996/1998 (718) 894-2222
Chris Sideris, P.E.	1994/1996 (718) 224-9091
Robert Lo Pinto, P.E.	1990/1992 (718) 746-7122

## Directors 2008-2010

Gregory Georges, PE	(718) 274-4800
Mike Karantinidis, P.E.	(718) 482-0800
John Kepertis, P.E.	(718) 343-6989
Saeed Ainechi, P.E.	(718) 544-7878
Issam Aburafteh, P.E.	(718) 276-9200

## Directors 2008-2009

James Manoussoff, P.E.	
Bernard Haber, P.E.	(718) 224 2146
Eliot Shapiro, P.E.	(516) 791-2300
Xenophon Cavaris, P.E.	(516) 752-1687
Peter Boudouvas, P.E.	(212) 594-4340
Robert Weiner, P.E.	

## Rules Update

**Proposed Rules Governing the City of New York can**  
<http://rules.cityofnewyork.us/proposed-rules>

- [Filming and Photography Authorized by DEP](#)
- [Measurement of Stack Emissions of Certain Generators](#)
- [Fire and Life Safety Director Certificate of Fitness](#)
- [Revised Proposal Changes for the Industrial and Commercial Abatement Program \(ICAP\)](#)

## Link of the Month

*President Elect Trump's Infrastructure Plan*

Regardless of your politics or your personal opinion, the new President elect has made infrastructure investment a major issue of his administration's agenda. His campaign proposal can be found here: <https://www.donaldjtrump.com/policies/an-americas-infrastructure-first-plan>

# Professional Services Directory

The Queens Chapter of the NYSSPE recommends the advertisers listed below for their respective products or services. However, the Queens Chapter does not take responsibility for these advertisers products or services.



**Miles Fisher, P.E.**

**Fire and Building Code Services, Inc.**  
10 East Merrick Road, Suite 308  
Valley Stream, New York 11580

Tel: 516-256-7780, Ext. 201  
Fax: 516-256-7783  
Cell: 516-779-7295

E-mail: [miles@firecodeservices.com](mailto:miles@firecodeservices.com)

**Robert A. LoPinto, P.E.**  
PROJECT MANAGER III

**Joseph M. Heaney III, P.E.**  
PRINCIPAL

SHAPIRO ENGINEERING, DIVISION OF  
WALDEN ENVIRONMENTAL ENGINEERING PLLC

O 516.624.7200  
F 516.624.3219

16 Spring Street  
Oyster Bay, NY 11771  
walden-associates.com  
rlopinto@walden-associates.com



WALDEN ASSOCIATES

Tel: 718-544-5105

Fax: 718-544-0031

**JOSEPH HOROWITZ**  
*Professional Engineer*

ENVIRONMENTAL CONSULTING  
ENVIRONMENTAL PROJECT MANAGEMENT

76-06 137<sup>TH</sup> Street  
Flushing, NY 11367

**ISSAM M. ABOURAFEH, P.E.**  
PROFESSIONAL ENGINEER



ARCHITECTS ENGINEERS PLANNERS

123-23 82 AVE  
KEW GARDENS NY 11415

EMAIL: [ISSAM@IMA-ARCHITECTS.COM](mailto:ISSAM@IMA-ARCHITECTS.COM) TEL (718) 268-8600  
FAX (718) 793-5247



**A&A Consulting Engineers, P.C.**

**SAM S. AINECHI, M.S., P.E.**  
Licensed Professional Engineer

125-10 Queens Blvd.  
Suite 318, Silver Towers  
Kew Gardens, NY 11415

Tel. 718-544-7878  
Fax: 718-544-7884

**Chris Petallides, P.E., N.S.P.E.**  
CONSULTING ENGINEER

TEL: 718 961 4342  
FAX: 718 321 3929  
EMAIL: [PetallidesPE@aol.com](mailto:PetallidesPE@aol.com)

47-15 Marathon Pkwy.  
Little Neck Hills, N.Y. 11362

The Queens Chapter of the NYSSPE recommends the advertisers listed below for their respective products or services. However, the Queens Chapter does not take responsibility for these advertisers products or services.

 <p>N.Y.S. P.E. License # 069956 Cell (347) 526-6036</p> <p><b>Brian E. Flynn</b> <i>Professional Engineer</i> <b>Home &amp; Building Inspections</b></p> <p>78-66 79th Place Glendale, NY 11385</p> <p>Phone (718) 894-7822 Fax: (718) 894-7833 BEFlynnPE@aol.com</p>	 <p><b>Lee Millstone</b> Fire Protection Specialist</p> <p><b>Hilti North America</b> P.O. Box 21148   Tulsa, OK 74121-1148 T 800-879-8000   C 347-449-0336 E lee.millstone@hilti.com   www.hilti.com ISO 9001/14001 REGISTERED</p>
 <p><b>Z. S. ENGINEERING, P.C.</b> 99 TULIP AVENUE FLORAL PARK, NY 11001 PHONE: (516) 328-3200 FAX: (516) 328-6195 E-MAIL: staszewski@zseengineering.com</p> <p>ZYGMUNT STASZEWSKI, PE, FSPPE PRESIDENT NY LICENSE #63367 CT LICENSE #17587 NICET III</p>	 <p><b>HERMES/Hephaistos</b> <i>Manufacturer of c-joists, metal studs &amp; accessories</i> <i>A Division of Hephaistos Building Supplies</i></p> <p>Warehouse: 24-02 37th Avenue Astoria, NY 11101 Office: 34-01 Broadway Astoria, NY 11106</p> <p>Tel: (718) 482-0900 Fax: (718) 482-0581 Michael Karantinidis P.E. President</p>
<p><b>INTERNATIONAL GEOTECHNICAL/STRUCTURAL LABORATORIES INC.</b></p>  <p><a href="http://www.internationalgeo.com">www.internationalgeo.com</a> GEOTECHNICAL &amp; ENVIRONMENTAL TESTING</p> <p><b>MICHAEL KARANTINIDIS, P.E.</b> STRUCTURAL ENGINEER</p> <p>OFFICE: 31-87 34TH STREET, ASTORIA, NY 11105 TEL: (718) 926-1520 FAX: (718) 956-0274 <a href="mailto:info@internationalgeo.com">info@internationalgeo.com</a></p>	<p><b>Tony Alfano</b> Sales Engineer URETEK Holdings, Inc.</p>  <p>talfano@uretekholdings.com 917-504-6036 Direct 888-490-1085 Toll Free</p> <p><a href="http://www.URETEKHoldings.com">www.URETEKHoldings.com</a></p> <p>Lift • Level • Stabilize</p> <p>Headquarters   4759 Drane Field Rd   Lakeland   FL   33811</p>
 <p><b>CR SAFETY</b> construction &amp; really safety group</p> <p>226 East Merrick Road Valley Stream, NY 11580</p> <p><b>Rick LaLuna</b> Vice President of Operations</p> <p>phone 516.599.5900 fax 516.599.1587 mobile 631.484.3326 rlaluna@crs-group.com</p>	<p>Office of Richard Berkenfeld consulting engineers</p> <p>richard g. berkenfeld, p.e. principal</p> <p>175 great neck road great neck, n. y. 11021</p> <p>(516) 487-0414 fax (516) 487-0417</p>

The Queens Chapter of the NYSSPE recommends the advertisers listed below for their respective products or services. However, the Queens Chapter does not take responsibility for these advertisers products or services.



**team**  
INTERNATIONAL  
MASONRY  
INSTITUTE

19 Spruce Street  
Clifton Park, NY 12065

Phone: 518-956-3466  
1-800-IML-0988

Email: [klashway@imiweb.org](mailto:klashway@imiweb.org)  
[www.imiweb.org](http://www.imiweb.org)

**Keith F. Lashway, P.E.**  
*Director of Industry Development and  
Technical Services*



**SUPERIOR GUNITE**

STRUCTURAL SHOTCRETE & ENGINEERING

**Kenneth Krautheim**

8 HOPE STREET, JERSEY CITY, NJ 07307  
CELL (201) 577-8225 OFFICE (201) 630-0630  
[kenneth.krautheim@shotcrete.com](mailto:kenneth.krautheim@shotcrete.com)

Lic. #370034




**SK**

**SIDERIS  
KEFALAS  
ENGINEERS P.C.**

Consulting Engineers  
[cad@skenyc.com](mailto:cad@skenyc.com)

217-22 Northern Boulevard  
Bayside, New York 11361  
Tel: 718-224-9091  
Fax: 718-224-9143  
[www.skenyc.com](http://www.skenyc.com)



**Paulson Ambookan**  
*Solar Energy Consultant*

3140 Veterans Memorial Hwy, Suite #3  
Bohemia, NY 11716

**Toll Free:**  
800 FREE SOLAR

☎ 800 373 3765  
☎ 516 205 4757  
☎ 848 220 9139

[Paulson@trinity-solar.com](mailto:Paulson@trinity-solar.com)  
[www.Trinity-Solar.com](http://www.Trinity-Solar.com)