



# SEI Chapter Resource Speaker List

## SEI Chapter Resource Committee

The purpose of this list is to facilitate meeting topic ideas along with recommended National Level speaker experts on the topics of interest for local SEI Chapters. All speakers have been contacted and approved for use by the Committee and are willing to travel. SEI chapters should contact speakers directly for availability and travel logistical needs. SEI does not provide staffing or funding for arranging speakers. All logistical arrangements should be made directly between the local chapters and the speakers. Speakers who request reimbursement shall follow ASCE standard reimbursement travel booking and reimbursement policies.

Rev. June 2019



# SEI Chapter Resource Speaker List

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## ASCE Reimbursement Policy

All speakers travel arrangements shall be in accordance with ASCE's travel policies. Economy 14 day advance purchase airfare and \$135 per diem for hotel and miscellaneous expenses. Local SEI Chapters need to coordinate all travel needs and details with speakers. All speakers have expressed willingness to travel, and some may request travel reimbursement, while others may not.



## BUILDINGS

PRESENTATION	SPEAKER	DURATION	CONTACT INFO
Mega Structures – “The Design and Construction of the Dallas Cowboys and Arizona Cardinals Stadiums”	Mr. Lawrence G. Griffis, P.E.  President, Structures Division Walter P. Moore and Associates, Inc.	1 hour	<a href="mailto:lgriffis@walterpmoore.com">lgriffis@walterpmoore.com</a>  Direct: 512-330-1270  Cell: 512-468-2308  Walter P. Moore Austin, TX
Investigations and Failures of Stadium Lighting Pole Structures	Wesley J. Oliphant P.E, CEI, F. SEI, F. ASCE	1 hour	<a href="mailto:wjoliphant@gmail.com">wjoliphant@gmail.com</a>  Direct: 281-259-7000  Cell: 713-851-5402  ReliaPOLE Solutions Magnolia, TX
Philosophy of Engineering for the Burj Khalifa, the world’s tallest building	Larry Novak, SE, SECB, FACI, LEED AP  Portland Cement Association	Contact Speaker	<a href="mailto:lnovak@cement.org">lnovak@cement.org</a>  Direct: 847-972-9100  Cell: 312-513-7504  Portland Cement Association Skokie , IL
Seismic Detailing of Concrete Structures	Mustafa Mahamid  University of Illinois at Chicago	Contact Speaker	<a href="mailto:mmahamid@uic.edu">mmahamid@uic.edu</a>  Cell: 312-493-8105  University of Ill. at Chicago



BUILDINGS			
PRESENTATION	SPEAKER	DURATION	CONTACT INFO
Seismic Detailing of Steel Structures	Mustafa Mahamid University of Illinois at Chicago	Contact Speaker	<a href="mailto:mmahamid@uic.edu">mmahamid@uic.edu</a> Cell: 312-493-8105 University of Ill. at Chicago
Structural Loads Determination	Mustafa Mahamid University of Illinois at Chicago	Contact Speaker	<a href="mailto:mmahamid@uic.edu">mmahamid@uic.edu</a> Cell: 312-493-8105 University of Ill. at Chicago
Structural Systems – Selection Criteria	Mustafa Mahamid University of Illinois at Chicago	Contact Speaker	<a href="mailto:mmahamid@uic.edu">mmahamid@uic.edu</a> Cell: 312-493-8105 University of Ill. at Chicago
Wood and Cold-Formed Steel Trusses - How to avoid accepting the Liability of others	Edwin T. Huston, S.E. Smith & Huston	90 minutes	<a href="mailto:Huston@smithhustoninc.com">Huston@smithhustoninc.com</a> Direct: 206-448-8448 x 17 Smith & Huston Seattle, WA
Structural Integrity - The Devil is in the Details	Edwin T. Huston, S.E. Smith & Huston	90 minutes	<a href="mailto:Huston@smithhustoninc.com">Huston@smithhustoninc.com</a> Direct: 206-448-8448 x 17 Smith & Huston Seattle, WA
Wind Design using the IBC and ASCE 7	Edwin T. Huston, S.E. Smith & Huston	4 Hours	<a href="mailto:Huston@smithhustoninc.com">Huston@smithhustoninc.com</a> Direct: 206-448-8448 x 17 Smith & Huston



BUILDINGS			
PRESENTATION	SPEAKER	DURATION	CONTACT INFO
Lateral Load Design using the IBC and ASCE 7 and Recent Lessons Learned from Disasters	Edwin T. Huston, S.E.  Smith & Huston	8 Hours	<a href="mailto:Huston@smithhustoninc.com">Huston@smithhustoninc.com</a>  Direct: 206-448-8448 x 17 Smith & Huston, Seattle, WA
Innovative Methods of Drift Optimization of Braced & Portal Frames	Ed De Paola, PE, SECB, F. SEI  President and CEO, Severud Associates	1 hour	<a href="mailto:edepaola@severud.com">edepaola@severud.com</a>  Phone: 212-986-3700 New York, NY
PEER TBI Guidelines for Performance-based Design of Tall Buildings, V2.	Ronald O. Hamburger, S.E.  Simpson Gumpertz & Heger	1 Hr	<a href="mailto:ROHamburger@sgh.com">ROHamburger@sgh.com</a>  Phone: 415-495-3700 San Francisco, CA



BRIDGES			
PRESENTATION	SPEAKER	DURATION	CONTACT INFO
Resilient Earthquake-Resistant Bridges with Novel Materials	Saiid Saiidi, PhD, PE University of Nevada, Reno	Contact Speaker	<a href="mailto:saiidi@unr.edu">saiidi@unr.edu</a> Direct: 775-784-4839 MS 258 Reno, NV
Challenge of Accelerated Bridge Construction in High Seismic Zones	Saiid Saiidi, PhD, PE University of Nevada, Reno	Contact Speaker	<a href="mailto:saiidi@unr.edu">saiidi@unr.edu</a> Direct: 775-784-4839 MS 258 Reno, NV
Near-Fault Earthquake Design of Bridge Columns	Saiid Saiidi, PhD, PE University of Nevada, Reno	Contact Speaker	<a href="mailto:saiidi@unr.edu">saiidi@unr.edu</a> Direct: 775-784-4839 MS 258 Reno, NV
AASHTO - Maintenance of Bridge Design Specifications and Technical Publications	Kevin Thompson, PE K Thompson Engineering	Contact Speaker	<a href="mailto:kthompsonengineering@gmail.com">kthompsonengineering@gmail.com</a> Cell: 530-852-2227
Accelerated Bridge Construction	Kevin Thompson, PE K Thompson Engineering	Contact Speaker	<a href="mailto:kthompsonengineering@gmail.com">kthompsonengineering@gmail.com</a> Cell: 530-852-2227
Use of Unmanned Flying Vehicles (“Drones”) for Bridge Inspection	Assistant Professor at George Mason University	1 Hr. & 2 Hr.	<a href="mailto:dlattanzi@gmail.com">dlattanzi@gmail.com</a>



BRIDGES			
PRESENTATION	SPEAKER	DURATION	CONTACT INFO
Accelerated Bridge Construction	Carmen E. L. Swanwick, SE  Region 2 Deputy Director Utah DOT	1 Hour	<a href="mailto:Cswanwick@utah.gov">Cswanwick@utah.gov</a>  Cell: 801-232-7802  Direct: 801-965-4981 Salt Lake City



NON-BUILDING STRUCTURES			
PRESENTATION	SPEAKER	DURATION	CONTACT INFO





SPECIAL TOPICS			
PRESENTATION	SPEAKER	DURATION	CONTACT INFO
Introduction to Blast Resistant Design for Concrete Structures	Mahmoud Kamara, PhD Portland Cement Association	Contact Speaker	<a href="mailto:mekamara10@hotmail.com">mekamara10@hotmail.com</a> Direct: 847-972-9012 Portland Cement Association
Post-Disaster Safety Evaluation Training	David Swanson, PE, SE, LEED AP	Contact Speaker	<a href="mailto:dswanson@reidmiddleton.com">dswanson@reidmiddleton.com</a> Direct: 425-741-3800 Cell: 425-508-7971 Reid Middleton, Everett, WA
Qualifications of Future Structural Engineers	Don Dusenberry, SEI Past President	1 Hr	<a href="mailto:dodusenberry@sgh.com">dodusenberry@sgh.com</a> Direct: 781-907-9237
ASCE/SEI Standard for Blast Protection of Buildings	Jon Schmidt	1 Hr	<a href="mailto:jschmid@burnsmcd.com">jschmid@burnsmcd.com</a>
The Decline of Engineering Judgment	Jon Schmidt	1 Hr	<a href="mailto:jschmid@burnsmcd.com">jschmid@burnsmcd.com</a>
Practical Blast Effects Analysis and Design	Jon Schmidt	4 to 6 Hrs	<a href="mailto:jschmid@burnsmcd.com">jschmid@burnsmcd.com</a>
Changing the Paradigm for Engineering Ethics	Jon Schmidt	1.5 Hrs	<a href="mailto:jschmid@burnsmcd.com">jschmid@burnsmcd.com</a>



SPECIAL TOPICS			
PRESENTATION	SPEAKER	DURATION	CONTACT INFO
FEMA P-58 Next Generation Methodology for Performance-based Seismic Design	Ronald O. Hamburger, S.E.  Simpson Gumpertz & Heger	1 Hr	<a href="mailto:ROHamburger@sgh.com">ROHamburger@sgh.com</a>  Phone: 415-495-3700  San Francisco, CA
Development of Next- Generation Seismic Hazard Maps	Ronald O. Hamburger, S.E.  Simpson Gumpertz & Heger	1 Hr	<a href="mailto:ROHamburger@sgh.com">ROHamburger@sgh.com</a>  Phone: 415-495-3700  San Francisco, CA
ASCE 7 Chapter 6 Tsunami Loads and Effects	Gary Chock, S.E., F. SEI	1 Hr to 2 Hr	<a href="mailto:GChock@martinchock.com">GChock@martinchock.com</a>  808-521-4513  Honolulu, Hawaii
ASCE 7-16 on load combinations, reliability, PBD, and new appendix on structural fire design.	Terri McAllister, PhD, PE, F. SEI	1 Hr to 2 Hr	<a href="mailto:therese.mcallister@nist.gov">therese.mcallister@nist.gov</a>  301-975-6078  Washington DC area



SUSTAINABILITY			
PRESENTATION	SPEAKER	DURATION	CONTACT INFO
Topics related to all aspects of structural sustainability	Jim D'Aloisio Past Chair of SEI Sustainability Committee	1, 2, 4, 6, or 8 Hrs.  Will travel for 4 + Hr. presentations	<a href="mailto:JAD@khpc.com">JAD@khpc.com</a>
Community Resilience and the Built Environment	Terri McAllister, PhD, PE, F. SEI	1 Hr to 2 Hr	<a href="mailto:therese.mcallister@nist.gov">therese.mcallister@nist.gov</a> 301-975-6078 Washington DC area



BUSINESS			
PRESENTATION	SPEAKER	DURATION	CONTACT INFO
Ethics/Philosophy	Jon Schmidt	1 Hr	<a href="mailto:jschmid@burnsmcd.com">jschmid@burnsmcd.com</a>
Virtuous Engineers: Your Practice Is Your Ethics	Jon Schmidt	1 Hr	<a href="mailto:jschmid@burnsmcd.com">jschmid@burnsmcd.com</a>
Blast/ Antiterrorism	Jon Schmidt	1 Hr	<a href="mailto:jschmid@burnsmcd.com">jschmid@burnsmcd.com</a>
SE Licensure	Sam Rihani, PE	1 Hr	<a href="mailto:Sam.Rihani.54@gmail.com">Sam.Rihani.54@gmail.com</a>
The Logic of Ingenuity: How Engineers Think and Why It Usually Works	Jon Schmidt	0.5 Hr	<a href="mailto:jschmid@burnsmcd.com">jschmid@burnsmcd.com</a>



MATERIALS			
PRESENTATION	SPEAKER	DURATION	CONTACT INFO
"What Every Engineer Should Know about the Art and Science of Welding"	Wesley J. Oliphant P.E., CEI, F. SEI, F. ASCE	1 hour	<a href="mailto:wjoliphant@gmail.com">wjoliphant@gmail.com</a> Direct: 281-259-7000 Cell: 713-851-5402 ReliaPOLE Solutions Magnolia, TX
Masonry Renovation	Edwin T. Huston, S.E.  Smith & Huston	90 minutes	<a href="mailto:Huston@smithhustoninc.com">Huston@smithhustoninc.com</a> Direct: 206-448-8448 x 17 Smith & Huston Seattle, WA
Structural Design of Masonry in regions of High Seismicity	Edwin T. Huston, S.E.  Smith & Huston	8 hrs.	<a href="mailto:Huston@smithhustoninc.com">Huston@smithhustoninc.com</a> Direct: 206-448-8448 x 17 Smith & Huston Seattle, WA
Making Concrete Better	Amir Bonakdar PhD P.E. & Mike Mahoney P.E.  Euclid Chemical	1 Hr	<a href="mailto:mmahoney@euclidchemical.com">mmahoney@euclidchemical.com</a> Direct: 800-321-7628 x 8301 Cell: 216-225-6260 Euclid Chemical Co. Cleveland, OH



MATERIALS			
PRESENTATION	SPEAKER	DURATION	CONTACT INFO
Protecting Concrete	Amir Bonakdar PhD P.E. & Mike Mahoney P.E.  Euclid Chemical	1 Hr	<a href="mailto:mmahoney@euclidchemical.com">mmahoney@euclidchemical.com</a>  Direct: 800-321-7628 x 8301  Cell: 216-225-6260  Euclid Chemical Co. Cleveland, OH
Repair Concrete	Amir Bonakdar PhD P.E. & Mike Mahoney P.E.  Euclid Chemical	1 Hr	<a href="mailto:mmahoney@euclidchemical.com">mmahoney@euclidchemical.com</a>  Direct: 800-321-7628 x 8301  Cell: 216-225-6260  Euclid Chemical Co. Cleveland, OH
High Abuse Concrete	Amir Bonakdar PhD P.E. & Mike Mahoney P.E.  Euclid Chemical	1 Hr	<a href="mailto:mmahoney@euclidchemical.com">mmahoney@euclidchemical.com</a>  Direct: 800-321-7628 x 8301  Cell: 216-225-6260  Euclid Chemical Co. Cleveland, OH
Decorative Concrete	Amir Bonakdar PhD P.E. & Mike Mahoney P.E.  Euclid Chemical	1 Hr	<a href="mailto:mmahoney@euclidchemical.com">mmahoney@euclidchemical.com</a>  Direct: 800-321-7628 x 8301  Cell: 216-225-6260  Euclid Chemical Co. Cleveland, OH



CODES AND STANDARDS			
PRESENTATION	SPEAKER	DURATION	CONTACT INFO
A General Overview of ASCE 7-10 Changes to Wind Load Provisions	William L. Coulbourne, P.E.	1 Hr.	Contact ASCE Website for Webinar Information
Major Changes to the Wind Provisions of ASCE 7-10	Edwin T. Huston, S.E. Smith & Huston	90 minutes	<a href="mailto:Huston@smithhustoninc.com">Huston@smithhustoninc.com</a> Direct: 206-448-8448 x 17 Smith & Huston Seattle, WA
Frequently Asked Questions from the Wind Provisions of ASCE 7-10	Edwin T. Huston, S.E. Smith & Huston	90 minutes	<a href="mailto:Huston@smithhustoninc.com">Huston@smithhustoninc.com</a> Direct: 206-448-8448 x 17 Smith & Huston Seattle, WA
A Historic of Building Codes and changes to the 2009 IBC	Edwin T. Huston, S.E. Smith & Huston	90 minutes	<a href="mailto:Huston@smithhustoninc.com">Huston@smithhustoninc.com</a> Direct: 206-448-8448 x 17 Smith & Huston Seattle, WA
ASCE 7-10 Wind Provisions	Donna Friis CDM Smith	1 Hr.	<a href="mailto:friisd@cdmsmith.com">friisd@cdmsmith.com</a> Direct: 407-660-6415 CDM Smith Maitland, FL



CODES AND STANDARDS			
PRESENTATION	SPEAKER	DURATION	CONTACT INFO
ACI 318 Appendix D/Chapter 17 Anchorage to Concrete	Dr. Anthony J. Lamanna, PE, Ph.D F.ASCE, F. ACI  Arizona State Univ.	1 Hr, 2 Hr, 4 Hr, or 8 Hr	<a href="mailto:drtony@asu.edu">drtony@asu.edu</a>  Direct: 504-339-9076  Arizona State University  Tempe, AZ
ASCE 7-16 Overview	Ronald O. Hamburger, S.E.  Simpson Gumpertz & Heger	1 Hr	<a href="mailto:ROHamburger@sgh.com">ROHamburger@sgh.com</a>  Phone: 415-495-3700  San Francisco, CA
ASCE 7-16 Overview Chapter 16 Nonlinear Analysis	Ronald O. Hamburger, S.E.  Simpson Gumpertz & Heger	1 Hr	<a href="mailto:ROHamburger@sgh.com">ROHamburger@sgh.com</a>  Phone: 415-495-3700  San Francisco, CA
ASCE 7 Wind Design	Gary Chock, S.E., F. SEI	1 Hr to 2 Hr	<a href="mailto:GChock@martinchock.com">GChock@martinchock.com</a>  808-521-4513  Honolulu, Hawaii
Snow and Rain Load Provisions in ASCE 7-16 – What’s New and Different	Michael O’Rourke, PE	1 HR	<a href="mailto:orourm@rpi.edu">orourm@rpi.edu</a>  518-276-6933  Rensselaer Polytechnic University





***ALREADY USED A SPEAKER FROM THIS LISTING?*** PLEASE PROVIDE FEEDBACK ON YOUR EXPERIENCE AND WHETHER YOUR GROUP ENJOYED THE SPEAKER AND PRESENTATION TO: Suzanne Fisher at [sfisher@asce.org](mailto:sfisher@asce.org)

Additional On-site Learning Resources:

Pitt Landis Lecture

<http://www.engineering.pitt.edu/News/2016/2017-Landis-Lecture/>

SK Ghosh Associates

[http://www.secure.skghoshassociates.com/seminar/onsite\\_seminars.php](http://www.secure.skghoshassociates.com/seminar/onsite_seminars.php)

Fazlur R. Kahn Distinguished Lecture Series Archives

<https://www.lehigh.edu/~infrk/frkarchive.html>