



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

Table of Contents

Buildings	2
Bridges	5
Non-Building Structures	7
Special Topics	8
Sustainability	10
Business	11
Materials	12
Codes and Standards	14
Give your Feedback	15
Additional Speaker Series References	16

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	lgriffis@walterpmoore.com 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	wjoliphant@gmail.com 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	lnovak@cement.org 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	mmahamid@uic.edu 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	mmahamid@uic.edu Cell: 312-493-8105 University of Ill. at Chicago
Structural Loads Determination	Mustafa Mahamid University of Illinois at Chicago	Contact Speaker	mmahamid@uic.edu Cell: 312-493-8105 University of Ill. at Chicago
Structural Systems – Selection Criteria	Mustafa Mahamid University of Illinois at Chicago	Contact Speaker	mmahamid@uic.edu 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	Huston@smithhustoninc.com 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	Huston@smithhustoninc.com 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	Huston@smithhustoninc.com 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	Huston@smithhustoninc.com 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	edepaola@severud.com 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	ROHamburger@sgh.com 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	saiidi@unr.edu 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	saiidi@unr.edu 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	saiidi@unr.edu 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	kthompsonengineering@gmail.com Cell: 530-852-2227
Accelerated Bridge Construction	Kevin Thompson, PE K Thompson Engineering	Contact Speaker	kthompsonengineering@gmail.com Cell: 530-852-2227
Use of Unmanned Flying Vehicles (“Drones”) for Bridge Inspection	Assistant Professor at George Mason University	1 Hr. & 2 Hr.	dlattanzi@gmail.com



BRIDGES			
PRESENTATION	SPEAKER	DURATION	CONTACT INFO
Accelerated Bridge Construction	Carmen E. L. Swanwick, SE Region 2 Deputy Director Utah DOT	1 Hour	Cswanwick@utah.gov 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	mekamara10@hotmail.com Direct: 847-972-9012 Portland Cement Association
Post-Disaster Safety Evaluation Training	David Swanson, PE, SE, LEED AP	Contact Speaker	dswanson@reidmiddleton.com Direct: 425-741-3800 Cell: 425-508-7971 Reid Middleton, Everett, WA
Qualifications of Future Structural Engineers	Don Dusenberry, SEI Past President	1 Hr	dodusenberry@sgh.com Direct: 781-907-9237
ASCE/SEI Standard for Blast Protection of Buildings	Jon Schmidt	1 Hr	jschmid@burnsmcd.com
The Decline of Engineering Judgment	Jon Schmidt	1 Hr	jschmid@burnsmcd.com
Practical Blast Effects Analysis and Design	Jon Schmidt	4 to 6 Hrs	jschmid@burnsmcd.com
Changing the Paradigm for Engineering Ethics	Jon Schmidt	1.5 Hrs	jschmid@burnsmcd.com



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	ROHamburger@sgh.com Phone: 415-495-3700 San Francisco, CA
Development of Next- Generation Seismic Hazard Maps	Ronald O. Hamburger, S.E. Simpson Gumpertz & Heger	1 Hr	ROHamburger@sgh.com 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	GChock@martinchock.com 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	therese.mcallister@nist.gov 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	JAD@khpc.com
Community Resilience and the Built Environment	Terri McAllister, PhD, PE, F. SEI	1 Hr to 2 Hr	therese.mcallister@nist.gov 301-975-6078 Washington DC area



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



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	wjoliphant@gmail.com Direct: 281-259-7000 Cell: 713-851-5402 ReliaPOLE Solutions Magnolia, TX
Masonry Renovation	Edwin T. Huston, S.E. Smith & Huston	90 minutes	Huston@smithhustoninc.com 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.	Huston@smithhustoninc.com 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	mmahoney@euclidchemical.com 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	mmahoney@euclidchemical.com 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	mmahoney@euclidchemical.com 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	mmahoney@euclidchemical.com 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	mmahoney@euclidchemical.com 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	Huston@smithhustoninc.com 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	Huston@smithhustoninc.com 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	Huston@smithhustoninc.com Direct: 206-448-8448 x 17 Smith & Huston Seattle, WA
ASCE 7-10 Wind Provisions	Donna Friis CDM Smith	1 Hr.	friisd@cdmsmith.com 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	drtony@asu.edu Direct: 504-339-9076 Arizona State University Tempe, AZ
ASCE 7-16 Overview	Ronald O. Hamburger, S.E. Simpson Gumpertz & Heger	1 Hr	ROHamburger@sgh.com 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	ROHamburger@sgh.com Phone: 415-495-3700 San Francisco, CA
ASCE 7 Wind Design	Gary Chock, S.E., F. SEI	1 Hr to 2 Hr	GChock@martinchock.com 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	orourm@rpi.edu 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

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

Fazlur R. Kahn Distinguished Lecture Series Archives

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