



## EARTHQUAKE ENGINEERING RESEARCH INSTITUTE NEWSLETTER

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### EARTHQUAKE ENGINEERING RESEARCH INSTITUTE

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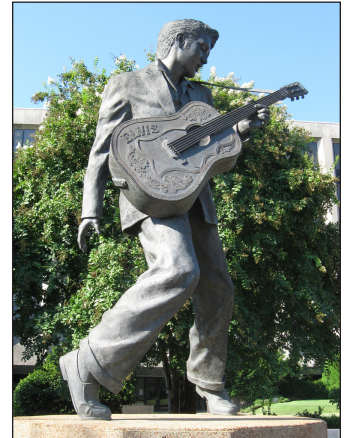
### News of the Institute

## Register by January 15 to get Early Bird Discount for 2012 Annual Meeting/NEC

Registration is now open online at <http://2012am.eeri.org/> for the 2012 EERI Annual Meeting & National Earthquake Conference, to be held April 10-13, 2012, in Memphis, Tennessee. If you register by January 15, the registration fee is only \$395. Between January 15 and March 15, it increases to \$450. After March 15, it will be \$550. Also visit the above site for information about the program, the hotel, and how to submit an abstract (deadline January 23) for one of the poster sessions.

With the theme "Learning from the Past to Protect the Future," the conference has much to offer engineers, scientists, emergency managers, and policy makers, featuring many lessons from recent and historic earthquakes that are applicable to the practice of U.S. professionals. Three pre-conference programs will be held April 10: the ASCE Symposium on Seismic Hazard Design Issues in the Central U.S. (full-day, \$65 fee), the New Madrid Earthquake Scenario Workshop (half-day, no fee), and the URM Memphis South Main Street Demonstration Workshop (evening, no fee).

The meeting venue is the Peabody Hotel, designated as one of the top 10 grand hotels in the U.S. by Christopher Reynolds of the Los Angeles Times. It's a short walk to the live music of Beale Street and a short drive to Grace-land and the National Civil Rights Museum. The Italian Renaissance-style hotel, built in 1925, is well known for the daily promenade of ducks between the lobby fountain and the elevator at 11 a.m. and 5 p.m.



*Statue of Elvis on Beale  
Street in Memphis (photo:  
[http://www.flickr.com/photos/  
shjohns2/4933467552/](http://www.flickr.com/photos/shjohns2/4933467552/))*

## First Class of EERI Housner Fellows Selected

EERI's Housner Fellows' Management Committee undertook the difficult task of selecting nine Fellows out of 55 competitive applications that were received for the first class of Housner Fellows, a new leadership training program that EERI inaugurated with a bequest from George Housner. Additional support for the program has been provided by the Federal Emergency Management Agency and the Global Facility for Disaster Reduction and Recovery (GFDRR) of the World Bank. GFDRR is supporting the participation of three Fellows.

The nine candidates selected are:

1. Syed Mohammed Ali, Earthquake Engineering Centre, University of Engineering & Technology, Peshawar, Pakistan (GFDRR);
2. Cale R. Ash, Degenkolb Engineers, Seattle, Washington;
3. Carlien D. Bou-Chedid, Ghana Institution of Engineers on the Geological Technical Committee of NADMO (GFDRR);
4. Guillermo E. Franco, Guy Carpenter & Co. LLC, Boston, Massachusetts;
5. Danielle Hutchings, Association of Bay Area Governments, Oakland, Calif.;
6. Lindsey Maclise, Forell/Elsesser Engineers. Inc., San Francisco, California;
7. Hassan Steven Mdala, Geological Survey Department of Malawi (GFDRR);

*continued on page 2*

## Housner Fellows

*continued from page 1*

8. Kate Stillwell, EQECAT, Oakland, California;
9. Vivek Rawal, People-in-Centre Consulting, Ahmedabad, India.

This inaugural class will meet with the program leadership trainer, EERI member Lucy Arendt of the University of Wisconsin Green Bay, along with Board members and members of the Housner Management Committee during the Annual Meeting in April in Memphis. They will participate in a weeklong leadership training program at Asilomar in Pacific Grove, California, in June. During their two years of active participation in the program, the class will develop a group project and individual projects with the support of mentors.

EERI members will soon be able to learn more about each Fellow online and follow their progress.

The Management Committee intends for this program to run at least five years. If funding can be secured to sustain the program, it will continue. Applications for the next class will be solicited in the summer of 2012.

For additional information about the program, visit <http://www.eeri.org/projects/housner-fellows-program/>.

## EERI Endowment Donors

EERI would like to thank these donors to the Endowment Fund and acknowledge their recent contributions. EERI's endowment supports innovative projects that ensure the Institute's continuing leadership in the earthquake professions.

<b>\$7,000</b> Kinometrics	<b>\$1,600</b> Polat Gulkan
<b>\$5,000</b> Blume Foundation	<b>\$1,000</b> John Aho Clarence Allen Carl Josephson
<b>\$4,000</b> Faultline Foundation (David A. Friedman & Paulette J. Meyer)	

## News of the Institute

### Janiele Maffei: Next Secretary-Treasurer

Marshall Lew, senior principal and vice president of AMEC E&I, Inc. (formerly MACTEC Engineering and Consulting, Inc.) is retiring from the EERI Board of Directors after serving as Secretary-Treasurer for six consecutive years.

EERI is greatly indebted to Marshall for helping the Institute successfully navigate a difficult financial environment. We look forward to his continued service to the Institute in other capacities.

Janiele Maffei, Chief Mitigation Officer of the California Earthquake Authority in Sacramento, California, was formally endorsed by the Board of Directors at its September 2011 meeting to serve as EERI's next Secretary-Treasurer.

Maffei is a graduate of UC Berkeley, where she obtained her AB degree in Architecture and an MS in Civil Engineering. Maffei is a registered structural engineer who has worked in the earthquake engineering industry for over 30 years. Her experience includes the design of new building structures and seismic strengthening of existing structures.

Maffei is president of the Northern California Chapter of EERI. She worked on the organizing committee of the 2010 EERI Annual Meeting in San Francisco. She is a member of the Structural Engineers Association of California and served on their Board from 1995-1997. She participated in post-earthquake reconnaissance investigations following the Loma Prieta and Northridge earthquakes.



Marshall Lew



Janiele Maffei

## EERI Moving Offices within Current Building

EERI is moving downstairs within its current building around the first of February. Phone and e-mail access to the office will be limited at the time of the move. CBRE Group, Inc., the owner of the City Center property (<http://www.oaklandcitycenter.com/>) where EERI is located in Oakland, California, offered the Institute incentives to make the move. The incentives, plus the fact that the new space will be 600 square feet smaller than the current space, mean that over the eight-year life of the lease, EERI will save approximately \$25,000 each year. The EERI staff looks forward to serving you from its new space! Contact and mailing information will not change, except for new suite number 220.

### \$500

Norman Abrahamson  
James Jirsa  
James Russell  
Daniel Shapiro  
L. Thomas Tobin

Catherine Bauman  
James Mitchell  
William Petak  
Roland Sharpe  
Pane Stojanovski  
Simpson Gumpertz & Heger

### \$200-499

Mehri Ansari  
Ian Buckle  
Craig Comartin  
Andrew Eggenberger  
Joe Hollstein  
I. M. Idriss  
Paul Jennings  
Robert Kennedy  
Laurence Kornfield &

**\$100-199**  
Goutam Bagchi  
Nesrin Basoz  
Jonathan Bray  
David Cecil  
Arrietta Chakos  
Bruce Clark

Lori Dengler  
Ricardo Dobry  
Sigmund Freeman  
Houman Ghalibafian  
John Hayes Jr.  
Thomas Holzer  
Jesus Iglesias  
Geoffrey Martin  
Peter May  
Denis McMullan  
Andrew Merovich  
Maurice Power  
Sri Sritharan  
Susan Tubbesing  
Hassan Sughayer  
Donald Wells

### Other Amounts

Patricia Bolton  
Gilles Bureau  
Claudio Chesi  
James Cullen  
Kubilay Hicyilmaz  
George Horowitz  
Mohammad Joolazadeh  
Robert Page  
Tom Schacher  
Nilesh Shome  
Alexander Uzdin

## News of the Institute

### Shear-Wave Velocity Profiling Webinar Now Online

The response was enthusiastic to the webinar on "Shear-Wave Velocity Profiling in Seismic Design," held on December 14, 2011. It was the third webinar in the NEES-EERI series on "Reducing Earthquake Losses: From Research to Practice."

The webinar and presentation slides are posted at <http://nees.org/education/for-professionals/seminars-and-webinars>.

Professor Ken Stokoe from the University of Texas, Austin, and EERI Board member Ivan G. Wong, principal seismologist at URS Corporation, discussed the importance of shear-wave velocity profiling in seismic design and its uses, misuses, and uncertainties. Case histories were used to illustrate shear-wave profiling with the SASW (spectral analysis of surface waves) method and to show uses of  $V_s$  data in a range of seismic design applications.

More than 400 attendees logged in, and many others listened in groups in conference rooms at various companies and universities. More than 150 participants requested credits for Professional Development Hours. The audience was dominated by practitioners from both the public and private sectors. In addition, faculty, post-docs, research scientists, and students attended.

While most registrants were from the U.S., 57 participants from around the world joined in. Countries represented included Australia, Canada, Chile, Colombia, Costa Rica, England, Germany, Greece, Israel, Italy, Panama, Romania, Scotland, Switzerland, Turkey, and the Ukraine.



## News of the Profession

### Volunteers Sought for California Tsunami Scenario

The U.S. Geological Survey, the National Oceanic and Atmospheric Administration, the California Geological Survey, and other entities are developing a detailed California Tsunami Scenario that will depict a realistic outcome of a likely large tsunami affecting the west coast of the United States, including Alaska and Hawaii. Project participants include researchers, officials, and practitioners from government, industry, and academia. The project is entertaining offers of volunteer assistance and technical collaboration from EERI members and committees. Eight working groups, coordinated by a steering committee, cover earthquake source, tsunami geologic field work, tsunami modeling and hydrology, civil engineering, emergency management and education, social vulnerability, economic and business impacts, and policy. Interested volunteers should contact the appropriate coordinator, whose names can be found at <http://urbanearth.gps.caltech.edu/tsunami/>.

The scenario employs the state of the art in many of the relevant disciplines for the purpose of explaining and understanding the impacts of tsunamis. The scenario development began in January 2011 and will conclude in 2013. The scenario begins with the occurrence of a magnitude 9.0 megathrust earthquake in the eastern Aleutian Islands, an event that presents the greatest distant-tsunami threat to Southern and Central California. Wave heights and velocities are estimated throughout the Pacific Basin, with emphasis on Southern California, the Ports of Los Angeles and Long Beach, and other ports and harbors. Impacts on vessels and marine structures will be estimated, along with the resulting trade impacts. The scenario also quantifies the tsunami's effects on near-coast roadways, communities, and lifelines. Damage and restoration of these facilities and lifeline interaction are examined. The economic impacts of the tsunami are then estimated spatially and by economic sector. Options for public policy, emergency preparedness, mitigation, and response are identified and discussed; and research needs across all topics are identified. The project is producing useful resources such as technical reports, websites, journal articles, YouTube videos, non-technical briefing materials, educational kits, and public briefings.

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## Subscribing Member News

### New Subscribing Member: Gilsanz Murray Steficek

EERI is pleased to announce that the firm Gilsanz Murray Steficek, with headquarters in New York City, has joined the ranks of Bronze Subscribing Members. GMS also has offices in Newark and Los Angeles. The firm provides structural engineering and building envelope consulting for a diverse range of construction and restoration projects. These include tall office and residential towers, theaters, housing, educational buildings, sports facilities, sculptures, landmarks, and special structures. Recent projects include Frank Gehry's New World Symphony in Miami Beach, the façade restoration at New York's Grace Building, a high rise in Abu Dhabi's Central Market, waterproofing at Carnegie Hall, and numerous buildings for the York Hill campus at Quinnipiac University. GMS staff has experience with innovative use of materials, composite construction, and construction technology. The firm's clients include architects, public and private institutions, building and property owners, developers, contractors, building managers, corporations, and engineers in other trades.

## Obituary

### John A. Martin, 1919–2011

John Alfred “Jack” Martin, passed away on Saturday, December 3, 2011 in Redondo Beach, California, at the age of 91. A native of Spokane, Washington, he was the founder of the Martin Associates Group of engineering companies, including the Los Angeles headquarters, John A. Martin & Associates, Inc. (JAMA), an EERI Subscribing Member.

Jack’s engineering education at the University of California, Berkeley, was disrupted when he joined the U.S. Navy in 1941.

He received his B.S. in civil engineering in 1943. Shortly after graduation, he was sent to the U.S. Naval Academy, where he completed his officer training and said he learned self-discipline. Upon his release from the Navy in 1946, Martin joined the one-year-old structural engineering firm of Brandow & Johnson in Los Angeles. In 1953, he founded JAMA, which would ultimately become one of the world’s largest privately owned civil engineering companies. Offices affiliated with John A. Martin have taken root in 14 states, and many continue in second and third generation leadership.

Growth came quickly to JAMA and its affiliate offices, in part because of work initiated with casinos and hotels in Las Vegas, including the Fremont Hotel and Casino, the firm’s first commission. These steel long-span truss and concrete tower structures became a hallmark of the firm’s extensive capabilities. Jack Martin proved himself repeatedly in the eyes of his clients and colleagues as an innovator, explorer, and mentor. His collaborative style and fierce loyalty helped nurture relationships with private and public clients. By the early part of the 21st century, JAMA had completed structural design work on some \$50 billion worth of construction. Included in its immense structural portfolio are notable convention centers, high-rise office buildings, hotels, casinos, theaters, sports arenas, race tracks, parking structures, airports, hospitals, and educational and government facilities, both in the U.S. and overseas in China, Hong Kong, Indonesia, Iran, Jordan, Korea, Kuwait, Saudi Arabia, Spain, and Taiwan. Many projects designed by Martin companies have become landmark structures, among them the Walt Disney Concert Hall in Los Angeles, the Mirage Hotel and Casino in Las Vegas, the San Diego Convention Center, Coors Field in Denver, and Bangkok International Airport Terminal Two.

Over an active career of more than 50 years, Jack Martin emphasized the importance of creative problem solving and not just using computers to get answers. In a 1998 interview he remarked, “I encourage young engineers to visualize and learn the details of what they are designing, and have a feeling for the size of what they are creating and connecting, before getting into the computer and performing calculations.” This philosophy remains, even today, at the core of the Martin organization’s work process.

Jack’s generous contributions, both professionally and personally, have been recognized by numerous organizations including the Los Angeles Council of Christians and Jews, from whom he received the 1990 Humanitarian Award, and the American Legion, for his founding of several youth baseball leagues. Jack is survived by sons John Jr. (CEO of John A. Martin & Associates) and Randall, daughter Jamie, and seven grandchildren.



*John A. Martin*

## News of the Membership El Salvador Award for Salazar

During a ceremony held at the Association of Caribbean States in Port of Spain, Trinidad, the chargé d’affaires of the embassy of El Salvador presented EERI member Walter Salazar of the University of the West Indies Seismic Research Centre (UWI SRC) with a “Distinguished Salvadoran” national award in recognition of his contribution to the development and promotion of El Salvador. The award was established to commemorate the Bicentennial Independence Day celebrations of El Salvador.



*Walter Salazar*

During his acceptance speech, Salazar advocated the establishment of a Central American and Caribbean Earthquake Engineering Centre to promote postgraduate education for future generations in the region.

A native Salvadoran, Salazar leads the Seismic Hazard and Risk Assessment projects at the UWI SRC. He has also worked closely with the EUCENTRE in Pavia, Italy, to produce the first peer-reviewed seismic hazard maps for the eastern Caribbean islands, and he leads the World Bank-funded Seismic Risk Atlas Project for three pilot states in the Caribbean.

In El Salvador, Salazar participated in a Seismic Risk Project at Central American University supported by the European Economic Community, performing seismic hazard assessments; simultaneously, he participated in the installation and maintenance of a digital strong-motion network that in 2001 successfully recorded the destructive M7.8 subduction and M6.5 upper-crustal earthquakes in El Salvador.

## News of the Membership

### Two Honors for Adeli

EERI member Hojjat Adeli, professor of civil and environmental engineering and geodetic science, biomedical informatics, neuroscience, and biomedical engineering at Ohio State University, recently received two honors. First, he was recognized for his contributions to computational intelligence in infrastructure engineering in being elevated to Fellow grade by the Institute of Electrical and Electronics Engineers.

Secondly, World Scientific Publishing Co., publisher of the *International Journal of Neural Systems (IJNS)*, has established the Hojjat Adeli Award for Outstanding Contributions in Neural Systems with a cash prize of \$500 to be given annually to the author(s) of the best paper published in the previous volume year. Adeli is editor-in-chief of *IJNS* as well as two other international journals: *Computer-Aided Civil and Infrastructure Engineering* and *Integrated Computer-Aided Engineering*.

## Call for Comments

### 4th Session of Global Platform for DRR

The 4th Session of the Global Platform for Disaster Risk Reduction will be held May 19-23, 2013, in Geneva, Switzerland. The draft concept note, outlining the conference's proposed main themes, is available online at <http://www.unisdr.org/we/inform/publications/23895>.

The organizers welcome comments on the draft and look forward to a creative, constructive, and participatory consultation as the basis for the Global Platform 2013. They request that feedback be sent by January 20, 2012, to [globalplatform@un.org](mailto:globalplatform@un.org).



## NEES News

### NEEShub Project Warehouse: Data Updates

The Project Warehouse on the NEEShub is the centralized data repository for sharing and publishing earthquake engineering research data from experimental and numerical studies. The data in the Project Warehouse are associated with research projects funded by a variety of agencies and include experiments performed at NEES and non-NEES equipment sites. Two highlighted projects are summarized below.

**Innovative Applications of Damage-Tolerant Fiber-Reinforced Cementitious Materials for New Earthquake-Resistant Structural Systems and Retrofit of Existing Structures** (<http://nees.org/warehouse/project/47>), PIs: James Wight (U. Michigan), Sarah Billington (Stanford), Sherif El-Tawil (U. Michigan), Gustavo Parra-Montesinos (U. Michigan), Tony Naaman (U. Michigan) and Jim LaFave (U. Illinois).



This project investigated the use of high-performance fiber-reinforced concrete (HPFRC) in coupling beams of moderate to high-rise core-wall structural systems. Component testing, as well as pseudo-static testing of two four-story coupled wall systems that incorporated precast HPFRC coupling beams, were performed at the University of Michigan. Available data include lateral load vs. story drift records, as well as end rotation and shear distortion measurements. The tests demonstrated that the use of HPFRC in coupling beams drastically reduced the need for heavy diagonal reinforcement and closely spaced confinement

reinforcement, and resulted in improved seismic behavior. The HPFRC material developed as part of this research was also used to design infill panels to increase the lateral stiffness and strength of existing steel frames. Large-scale hybrid testing was conducted at the NEES@Berkeley facility to evaluate the performance of full-bay and partial bay infills. Available data include lateral load vs. story drift records for both steel frame tests as well as flexural and shear distortion measurements for infill panels.

**Experimental and Analytical Investigation of Nonrectangular Walls under Multidirectional Loads** (<http://nees.org/warehouse/project/22>), PIs: Catherine French (U. Minnesota), Sri Sritharan (Iowa State University), Ricardo Lopez (U. Puerto Rico, Mayaguez).



This project represents a collaborative effort to investigate the behavior of nonrectangular reinforced concrete structural walls subjected to multidirectional loading. Two nonrectangular T-shaped walls and three rectangular reinforced concrete walls were tested at the MAST Laboratory at the NEES@Minnesota equipment site. The rectangular walls, which examined the impact of anchorage of the longitudinal reinforcement, were tested under in-plane cyclic lateral loading, while the T-walls were subjected to bi-directional cyclic lateral loads. All of the walls were instrumented to investigate the deformation components that can be attributed to flexure, shear, and strain penetration effects. Data available from the experiments include forces, displacements, curvatures, panel deformations, and strains throughout the specimens.

## Announcements

### Masters Programs in Italy

**Masters in Earthquake Engineering and/or Engineering Seismology (MEEES):** Applications for MEEES, approved and financially supported by the European Commission under the framework of the Erasmus Mundus programme, have opened, with a deadline of January 25, 2012. MEEES is organized by a consortium of European university and research institutions, led by the Centre for Post-Graduate Training and Research in Earthquake Engineering and Engineering Seismology (ROSE School, [www.roseschool.it](http://www.roseschool.it)) and featuring the participation of the University of Patras (Greece), the University of Grenoble Joseph Fourier (France), the Middle East Technical University (Turkey), the European Joint Research Centre, and the Italian National Institute of Geophysics and Vulcanology. Scholarships ranging from €15,000 to 38,000 are available to applicants from all nationalities. For details and the online application procedure, visit [www.meees.org](http://www.meees.org).

**Masters in Risk and Emergency Management (REM):** A new REM Masters Program is being offered by the Understanding and Managing Extremes (UME) Graduate School of the IUSS (*Istituto Universitario di Studi Superiori*) of Pavia. The interdisciplinary curriculum includes topics of statistics and probability, law, economics, resource management, natural hazards and risk, finance, insurance, sociology, communication, psychology, public health and medicine. Renowned lecturers from around the world make up the teaching body. Applications are currently open for 2012/13, with a deadline of February 28, 2012. A number of scholarships are available for the highest-ranking applicants. For details and the online application procedure, visit <http://www.umeschool.it/rem>.

## Opportunities Faculty Positions

**University College London (UCL):** The Department of Civil, Environmental and Geomatic Engineering seeks to fill two openings: (1) a full-time academic in the field of earthquake engineering, structural engineering, or structural dynamics at the lecturer, senior lecturer, or reader (assistant professor) level. Closing date: January 15, 2012. For more information and to apply, visit [https://atsv7.wcn.co.uk/search\\_engine/jobs.cgi?owner=5041178&ownertype=fair&jcode=1222256](https://atsv7.wcn.co.uk/search_engine/jobs.cgi?owner=5041178&ownertype=fair&jcode=1222256); (2) a full-time professor of geotechnical engineering. Closing date: February 15, 2012. For more information and to apply, visit [https://atsv7.wcn.co.uk/search\\_engine/jobs.cgi?owner=5041178&ownertype=fair&jcode=1225617](https://atsv7.wcn.co.uk/search_engine/jobs.cgi?owner=5041178&ownertype=fair&jcode=1225617)

**University of Notre Dame:** The Department of Civil Engineering and Geological Sciences invites applications at all levels (assistant, associate, or full professor) for a full-time tenure-track or tenured position in structural engineering. For more information and to apply, visit <http://cegeos.nd.edu/news/positions.html>. Review of applications will continue until the position is filled.

## Call for Abstracts SSA Annual Meeting

The 2012 Annual Meeting of the Seismological Society of America, will be held April 17-19 in San Diego, California. Authors are invited to submit abstracts of approximately 300 words (not to exceed 2,000 characters) through a secure Web server accessible from <http://www.seismosoc.org/meetings/2012/abs/>. The abstract submission deadline is 5 p.m. PST January 11, 2012.

Abstracts will be published in the March 2012 issue of *Seismological Research Letters (SRL)*, available to all SSA members.

## Build Change Openings & New Grant

**Haiti:** The nonprofit social enterprise Build Change is currently accepting applications for the following positions in its Haiti Earthquake Housing Reconstruction Program: (1) chief operating officer, (2) design and construction area manager, (3) senior project manager, and (4) impact monitoring and reporting director.

**Indonesia:** The position of program manager is open in Build Change's West Sumatra Earthquake Housing Reconstruction Program.

For more information on all the above openings, visit <http://www.buildchange.org/jobs.html>.

### \$1.5 Million Grant from Hilti

Build Change, founded by EERI member Elizabeth Hausler, recently announced it has received \$1.5 million in grants from the Hilti Foundation. In addition to financial support, the Hilti Foundation provides entrepreneurial and production-relevant know-how and social expertise.

## Announcements

### DFI Programs

**Force-Pulse Seminar:** The Deep Foundations Institute is presenting the Bay Area Force-Pulse Seminar at the Foundation Constructors yard in Oakley, California, on January 17, 2012. Presentations will explain the new rapid load-testing Standard ASTM D7383. For more information and to register, visit <http://dfi.org/conferencedetail.asp?id=195>. EERI is a cooperating organization; members will receive a \$45 discount off the registration fee of \$295.

**Grouting & Deep Mixing 2012:** The early bird registration discount, a savings of \$100, expires on January 6 for the 4th International Conference on Grouting and Deep Mixing, to be held February 15-18, 2012, in New Orleans, Louisiana. To register, visit <http://www.dfi.org/conferencedetail.asp?id=163>.

## CALENDAR

The issues containing the first and subsequent appearances are indicated at the entry's end. Items listed for the first time are shown in bold.

### 2012

#### JANUARY

9-11. Behavior of Steel Structures in Seismic Areas (STESSA 2012), Santiago, Chile. [www.ingcivil.uchile.cl/stessa2012](http://www.ingcivil.uchile.cl/stessa2012) (11/10)

**17. Bay Area Force-Pulse Seminar**, Oakley, CA. See page 6. (1/12)

**17-19. Int'l Disaster Conf. & Expo**, New Orleans, LA. See this page. (1/12)

22-25. 7th Gulf Seis. Forum, Jeddah, Saudi Arabia. <http://7gsf.info/> (10/11)

#### FEBRUARY

15-18. 4th Int'l Conf. Grout/Deep Mix, New Orleans, LA. [www.dfi.org/conferencedetail.asp?id=163](http://www.dfi.org/conferencedetail.asp?id=163). See page 6. (5/10, 1/12)

17. Khan Distinguished Lecture, Lehigh Univ., Bethlehem, PA. <http://www.lehigh.edu/~infrk/> (11/11)

#### MARCH

3-4. Int'l Symp. One Year after the 2011 Eastern Japan EQ, Kenchiku-kaikan Hall, Tokyo. Info: [kawashima.k.ae@m.titech.ac.jp](mailto:kawashima.k.ae@m.titech.ac.jp) (8/11)

23. Khan Distinguished Lecture, Lehigh Univ., Bethlehem, PA. <http://www.lehigh.edu/~infrk/> (11/11)

30. Short Course on Analysis, Design, and Testing of Piles, Carlsbad, CA. <https://www.eeri.org/registration/register.php> (12/11)

#### APRIL

10-13. EERI Annual Meeting/Nat'l EQ Conf., Memphis, TN. <http://2012am.eeri.org/>. See page 1. (5/11, 9/11, 11/11, 12/11, 1/12)

13-15. New Zealand Soc. for EQ Eng. Annual Conf., Christchurch, NZ. [conference.nzsee.org.nz/](http://conference.nzsee.org.nz/) (10/11)

17-19. Seismological Soc. of America Annual Mtg. San Diego, CA. [www.seismosoc.org/meetings/2012/index.php](http://www.seismosoc.org/meetings/2012/index.php). See page 6. (10/11, 1/12)

20. Khan Distinguished Lecture, Lehigh Univ., Bethlehem, PA. <http://www.lehigh.edu/~infrk/> (11/11)

#### MAY

16-17. SuperPile 2012, Portland, OR. [dfi.org/conferences.asp](http://dfi.org/conferences.asp) (12/11)

18-21. Int'l Conf. on EQ Eng.: Research Challenges, Harbin, China. e-mail Ms. Bing Bai, [iceer2012@iem.cn](mailto:iceer2012@iem.cn). (9/11)

28-30. 2nd Int'l Conf. PBD in EQ Geotech. Eng., Taormina, Italy. <http://addon.webforum.com/issmge/view.asp?EventID=2160> (5/11)

#### JUNE

17-20. 11th ASCE Joint Specialty Conf. on Probabilistic Mechanics & Structural Reliability (EMI/PMC 2012), South Bend, IN. <http://www.nd.edu/~emipmc12/> (12/11)

#### JULY

8-12. 6th Int'l Conf. on Bridge Maintenance, Safety and Management (IABMAS 2012), Lake Como, Italy. [www.iabmas2012.org](http://www.iabmas2012.org) (12/10, 1/11)

#### SEPTEMBER

19-21. Council on Tall Buildings & Urban Habitat (CTBUH) World Cong., Shanghai, China. <http://www.ctbuh.org/shanghai2012/> (11/11)

19-21. 18th IABSE (Int'l Ass'n for Bridge & Structural Eng.) Cong., "Innovative Infrastructures: Toward

Human Urbanism," Seoul, Korea. [www.iabse.org/Seoul2012](http://www.iabse.org/Seoul2012) (12/11)  
24-28. 15th World Conf. on EQ Eng. (15WCEE), Lisbon, Portugal. (8/10, 8/11, 11/11, 12/11)

#### OCTOBER

3-6. Symp. on Life-Cycle Civil Eng. (IALCCE), Vienna, Austria. [www.ialcce2012.org](http://www.ialcce2012.org) (12/10, 1/11)

**15-17. 8th Int'l Conf. on Structural Analysis of Historical Construction (SAHC 2012)**, Wrocław, Poland. See this page. (1/12)

16-19. Deep Foundations Institute (DFI) Annual Conf., Houston, TX. [www.dfi.org/conferencedetail.asp?id=193](http://www.dfi.org/conferencedetail.asp?id=193) (12/11)

#### 2013

#### APRIL

29-May 4. 7th Int'l Conf. on Case Histories in Geotech. Eng. to Commemorate Legacy of Ralph B. Peck, Symp. in Honor of Clyde Baker, Wheeling, IL (Chicago area). <http://7icchge.mst.edu> (12/11)

#### MAY

**19-23. 4th Session of the Global Platform for Disaster Risk Reduction, Geneva Switzerland.** See page 5. (1/12)

## Call for Papers

### Historical Construction Conference

A call for papers has been issued for the 8th International Conference on Structural Analysis of Historical Construction (SAHC 2012), to be held October 15-17, 2012, in Wrocław, Poland, organized by the Institute of Building Engineering at the Wrocław University of Technology and the Association of Monument Conservators. Abstracts are due January 20, 2012. For more information and suggested topics, visit [www.sahc2012.org](http://www.sahc2012.org).

## Announcements

### International Disaster Conference & Expo

The International Disaster Conference & Expo is scheduled for January 17-19, 2012, in New Orleans, Louisiana. The conference will cover challenges uniquely presented to each region, territory, state and municipality. Registration fees are waived for all government employees in any capacity. To get a 25% discount off the \$300 registration fee, use the source code IDCEDRG. Conference organizers are Louisiana state and local emergency management agencies in partnership with the New Orleans Convention Center and Imago Trade Show. The event is expected to attract over 20,000 attendees and 500 exhibitors. It will return every January and call New Orleans its permanent home. For more information and to register, visit <http://www.internationaldisasterconference.com/>.



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## News of the Institute

### Call for Papers for *Spectra* Issue on Japan EQ

*Earthquake Spectra* will be publishing a special issue on the March 2011 Tohoku, Japan, earthquake. Papers are invited on the earth science, engineering, and social and economic sciences aspects of the earthquake and its aftermath. All papers should be submitted online through the manuscript submission web page: <http://eqs.msubmit.net>. When the manuscript is uploaded, authors must select "Tohoku Earthquake" from the drop-down list for special issues.

The cover letter accompanying your manuscript should clearly indicate that the paper is being submitted for review and possible publication in this special issue. All papers to be reviewed must be received by **April 1, 2012**. We expect to have preliminary review decisions by July 1, 2012, and revised papers accepted for publication by October 31, 2012. The special volume should appear in print in March 2013, the second anniversary of the event. Papers without a clear link to the Tohoku earthquake or not complying with the journal's instructions to authors will not be reviewed for this issue.

Questions regarding paper content or submission procedures should be directed to the guest editors for the special volume, Rich Eisner ([richeisner@gmail.com](mailto:richeisner@gmail.com)) and James Mori ([mori@eqh.dpri.kyoto-u.ac.jp](mailto:mori@eqh.dpri.kyoto-u.ac.jp)). Prospective authors are strongly encouraged to send abstracts of their articles by email to the guest editors prior to formal manuscript submission so that the suitability of the paper topic for the special issue can be evaluated.

### 3 New EERI Student Chapters

The Institute is pleased to announce that the following three universities now have EERI student chapters:

**Iowa State University:** The chapter's faculty advisor is Sri Sritharan, professor in the Department of Civil & Construction Engineering. Its professional contact is S. K. Ghosh, president of S. K. Ghosh Associates, Palatine, Illinois.

**Technical University of Cluj-Napoca (Romania):** The chapter's faculty advisor is Alexa Pavel, professor in the Department of Structural Mechanics. Its professional contact is Ovidiu Prodan of the firm Prefcon in Zalau, Romania.

**University of Massachusetts, Amherst:** The chapter's faculty advisor is Azadeh Alipour, assistant professor in the Department of Civil & Environmental Engineering. The chapter's professional contact is Gary Hart, a principal of Weidlinger Associates in its Marina Del Rey, California, office. (The firm also has an office in Cambridge, Massachusetts.)

### Submit to Annual Graphics Competition

The EERI Annual Graphics Competition is accepting submissions. The competition is intended to encourage creative thinking and promote participation in a multidisciplinary environment. Examples of artwork include but are not limited to pictures, graphs, mathematical concepts and formulae in graphic formats, logos, animations, simulations, and conceptual designs. Submitted artwork must be related to earthquake science, engineering, causes, or consequences.

The competition aims to drive participants to engage audiences with their graphics. The competition offers a great opportunity to work within the Institute and gain recognition among your colleagues. Additionally, winning graphics may be considered for use in EERI publications or multimedia products, with appropriate acknowledgement. All finalists will be mentioned in the *EERI Newsletter*.

Send your artwork to [graphics@eeri.org](mailto:graphics@eeri.org), accompanied by a 100-word (maximum) description of the artwork. Additional rules can be found at <http://www.eeri.org/about-eeri/honors-awards/eeri-competitions/#graphics>. The work of previous winners can be viewed from a link on this site.

The deadline for artwork submissions is January 31st. A team of judges will review the works anonymously, and the finalists will be announced during the 2012 EERI Annual Meeting/NEC in Memphis.