



**GEO-  
INSTITUTE**

**Los Angeles Chapter**

**American Society of Civil Engineers  
Los Angeles Geo-Institute Chapter  
Presents:**

**FORTY-SECOND SPRING SEMINAR**

**TWENTY-SECOND LA GEO EXPO**

**FIFTEENTH KENNETH L. LEE  
LECTURE AWARD**

**Wednesday April 17th, 2019**

Queen Mary  
1126 Queen's Highway  
Long Beach, CA 90802  
Phone: (562) 435-3511

**SEMINAR SCHEDULE**  
Wednesday, April 17, 2019

- 1:00 – 2:00 PM Registration (Geo Expo)  
2:00 – 3:00 PM Presentation by  
Mr. John Bulinski  
3:00 – 3:30 PM Coffee Break (Geo Expo)  
3:30 – 4:30 PM Presentation by  
Prof. Bengt Fellenius  
4:30 – 6:00 PM Social hour (Geo Expo)  
6:00 – 8:30 PM Banquet  
Kenneth L. Lee Lecture  
Prof. George Gazetas



**Mr. John Bulinski**  
Caltrans District 7 Director



**Professor Bengt Fellenius**  
University of Ottawa, Canada



**Professor George Gazetas**  
National Technical University Athens, Greece

**22<sup>th</sup> LA GEO EXPO**  
**Wednesday, April 17, 2019**  
**1:00 - 6:00 p.m.**

**Businesses in the geo-industry  
have been invited to exhibit their  
products and services  
concurrent with the Spring  
Seminar of the Los Angeles Geo-  
Institute Chapter.**

If your company would like to  
exhibit, or if you know of a  
company that would like to, please  
contact the Vice-Chair.  
Limited space is available:

Dr. Sharid Amiri  
CALIFORNIA DEPARTMENT OF  
TRANSPORTATION

3100 W. Lake Center Drive  
Santa Ana, Ca. 92704  
(858) 251-2270  
Email: sharid.amiri@dot.ca.gov

ASCE Los Angeles  
Geo-Institute Chapter  
Presents

FORTY-SECOND SPRING SEMINAR &  
FIFTEENTH KENNETH L. LEE LECTURE

The ASCE Los Angeles Geo-Institute Chapter established the Kenneth L. Lee Lecture Award to honor the contributions of Professor Lee to his profession and to recognize outstanding achievements in earthquake engineering, earth structures design, and geotechnical engineering.

The 2019 recipient of the Kenneth L. Lee Lecture Award is **Professor George Gazetas**. Prof. Gazetas will deliver the **Fifteenth Kenneth Lee Lecture** during the evening Banquet titled “**A Case History of Failure Supports the Concept of “Rocking” Foundations.**”

There are two afternoon presentations, the first of which will be given by Mr. **John Bulinski, Caltrans District 7 Director**, and the second afternoon presentation will be given by **Professor Emeritus Bengt Fellenius, of University of Ottawa, Canada**, on “**Observations, analysis, and design of single piles and wide piled foundations.**”

FIFTEENTH KENNETH L. LEE  
LECTURE  
Wednesday April 17th, 2019

**A Case History of Failure Supports  
the Concept of “Rocking”  
Foundations**

**Professor George Gazetas**  
National Technical University Athens, Greece

**Abstract**

Designing a foundation to respond to earthquake shaking in a strongly-nonlinear way, with substantial uplifting and mobilization of bearing-capacity failure mechanisms, has been found to lead to safe and resilient soil-structure systems. A large number of dynamic analyses and shaking-table experiments (both in centrifuge, small-scale, and large-scale) have consistently demonstrated the advantages of so-designed foundations, called “Rocking” Foundations. The lecture in addition to several examples, will further show their superior behavior by systematically back-analyzing a case-history involving the failure of a bridge in a major historic earthquake. Both simple and elaborate analyses reveal the beneficial role of nonlinearity in the soil-foundation system and will partly explain the rehabilitation measures taken post-seismically. Limitations stemming from the unavoidable residual deformations will also be discussed.

**REGISTRATION**

Please complete your registration on our website ([www.lageoinstitute.com](http://www.lageoinstitute.com)) with PayPal/credit card payment option or use the form below. Use one form per registrant and duplicate the form for additional registrants. Determine payment from the Registration Fee Schedule shown below. Send completed form(s) and payment in the form of a check payable to **ASCE LA Geotechnical Group** to the Treasurer:

Mr. David Albus  
Albus-Keefe & Associates, Inc.  
1011 N. Armando Street  
Anaheim, CA 92806  
[dalbus@albus-keefe.net](mailto:dalbus@albus-keefe.net)

**Registration Form**

Name (Mr./Ms./Dr.) \_\_\_\_\_  
Organization \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_  
State \_\_\_\_\_ Zip \_\_\_\_\_  
Phone \_\_\_\_\_ Fax \_\_\_\_\_  
E-mail \_\_\_\_\_  
Check # \_\_\_\_\_

**Registration Fee<sup>1</sup>**

Early registration (*registration and payment received on or before 4/5/19<sup>1</sup>*).....(\$160 standard)  
.....(\$80 public employees<sup>4</sup>)  
.....(\$25 students<sup>3</sup>)  
Regular registration (*registration and payment received after 4/5/19<sup>1</sup> & Before 4/16/2019*).....(\$200 standard)  
.....(\$100 public employees<sup>4</sup>)  
.....(\$50 students<sup>3</sup>)  
On-site registration (*4/17/19<sup>2</sup>*)....(\$230 standard only)

<sup>1</sup>No refunds for cancellations requested after 4/12/2018.

<sup>2</sup>Due to limited seating, on-site registrations will be accepted only until event is full.

<sup>3</sup>Proof of full-time student status required on-site.

<sup>4</sup>Proof of employment required on-site.

**SPECIAL EVENT NOTES**

- 1) There will be a **professional photographer** at the event this year. So be picture ready (both for group and professional headshots).
- 2) We are going to have a raffle for a special gift using your **business cards**. Don't forget to bring one.