

## CHICAGO GEOTECHNICAL LECTURE SERIES

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The Chicago Geotechnical Lecture Series (formerly called the Soil Mechanics Lecture Series) was established in 1962 to educate the engineering community and keep them informed of recent developments in geotechnical and geoenvironmental engineering. The Geotechnical Lecture Series is sponsored by the Geo-Institute Chapter of the Illinois Section of the American Society of Civil Engineers. Many nationally recognized experts in several areas of geotechnical and geoenvironmental engineering practice have presented papers in this Lecture Series. The themes of the past Lecture Series are given below:

1963 Foundation Construction in the Chicago Area  
1964 Design of Structures to Resist Earth Pressure  
1968 Foundation Engineering  
1970 Observational Methods in Soil and Rock Engineering  
1973 Innovations in Foundation Construction  
1974 Computer Applications in Foundation Engineering and Construction  
1976 Problems in Soil Mechanics and Foundation Engineering  
1978 Problems in Construction and Geotechnical Engineering  
1982 Groundwater Flow and Contamination Control  
1986 Practice and Innovations in Geotechnical Engineering  
1988 Soil-Structure Interaction  
1990 Geosynthetics in Geotechnics:  
    State of the Practice in Geomembranes and Geotextiles  
1992 Geotechnical Aspects in Transportation  
1994 Current Topics in Geotechnical and Geoenvironmental Engineering  
1996 Current Topics in Tunneling  
1998 Innovations in Earth Retaining Systems  
2000 Geotechnical Failures and Lessons Learned  
2003 Geotechnical Performance Monitoring  
2006 Geotechnical Aspects of Earth Retention and Shoreline Protection  
2008 Current Topics in Foundation Engineering  
2010 Case Studies in Geotechnical Engineering  
2012 Earth Structures – Ground Improvement  
2014 Geotechnical Earthquake Engineering

## 2017 Chicago Geotechnical Lecture Series Innovative Geotechnologies

Friday • May 5, 2017  
University of Illinois at Chicago  
Student Center East Building, Illinois Room  
750 South Halsted Street  
Chicago, IL 60607

*Organized by:*  
Geo-Institute Chapter of the ASCE Illinois Section  
University of Illinois at Chicago



### Cooperating Organizations:



Continuing Education Credits = 7.0 PDH's

### The Chicago Geotechnical Lecture Series 2017 – Organizing Committee

Dr. Krishna R. Reddy, University of Illinois - Chicago  
Dr. Rich Finno, Northwestern University  
Ati Fathi, GEI Consultants, Inc.  
Mike Bronson, ECS  
Brandon Hughes, Thatcher Foundations  
Fran Miller, Geopier Foundation Company  
Gary Goodheart, Patrick Engineering, Inc.

## PROGRAM

**7:00 AM** Exhibitor set up

**7:15 – 8:00 AM** Breakfast / Registration / Exhibitors

### Morning Session

**8:00 – 8:10 AM** Welcome

**8:10 – 9:10 AM** “Predicting, Monitoring and Controlling Ground Movements Associated with Deep Supported Excavations – an Adaptive Management Approach”, Richard Finno, PhD, P.E., Northwestern University.

**9:15 – 10:15 AM** “Advancements in Technology and its’ Influence on Deep Foundation Practice, Pat Hannigan, P.E., GRL Engineers, Inc.

**10:15-10:45 AM** Break / Exhibitors

**10:45 – 11:45 AM** “Recent Advances in Geotechnical Instrumentation, Data Collection, and Geospatial Visualization”, Robert Bachus, PhD, P.E., Geosyntec Consultants

**11:45 –1:00 PM** Lunch

### Afternoon Session

**1:00 –2:00 PM** “Automated Plate Load Testing For Mechanistic Pavement Foundation Characterization – Illinois Tollway Evaluations, David White, PhD, P.E., Ingios Geotechnics, Inc.

**2:00 – 3:00 PM** “Recent Innovations in Field Characterization”, Paul Mayne, PhD, P.E., Georgia Institute of Technology

**3:00 – 3:30 PM** Break / Exhibitors

**3:30 –4:30 PM** “PM “Towards Zero Deformation TBM Tunneling”, Michael Mooney, PhD, P.E., Colorado School of Mines.

**4:30 PM** Closing

### Accommodations – UIC Campus- Nearby Hotels:

#### Crowne Plaza

733 W. Madison St, Chicago

Phone: (312) 829-5000 Fax: (312) 829-8151

#### Travel Lodge

65 East Harrison St, Chicago

Phone: (312) 427-8000

#### Holiday Inn

506 West Harrison St, Chicago

Phone: (312) 957-9100 Fax: (312) 957-0474

**Parking:** Public parking is available via a four-level covered lot on the NE corner of Taylor & Halsted streets opposite the conference building. The maximum daily parking fee is \$13.00

## REGISTRATION AND EXHIBITORS

**Registration:** The full registration fee covers lecture attendance, breakfast, lunch and one flash drive with the conference proceedings. Firms are invited to exhibit your products, services or emerging technologies to the engineering community. Exhibitor space consists of a table and electric and includes one general registration to the conference. You may register online using a credit card or you may fill out the registration form below and send it in with a check. Registration fees are as follows:

Registration Type	Early Bird (by April 5, 2017)	April 6 to May 3, 2017
General	\$250	\$325
Educator/Government	\$150	\$225
Student (with valid ID)	\$50	\$75
Exhibitor (includes 1 General)	\$500	\$600

On-Line Registration with Credit Card or Check

<https://www.123signup.com/register?id=ndynv>

Name: \_\_\_\_\_

Company \_\_\_\_\_

Mailing address \_\_\_\_\_

Phone \_\_\_\_\_

Email \_\_\_\_\_

**Total Enclosed: \$** \_\_\_\_\_

Payment: make check/money order payable to:

ASCE Geo-Institute Illinois Chapter

Mail along with this registration form to:

Thatcher Foundations, Inc.

c/o Mr. Brandon Hughes

7100 Airport Road,

Gary, IN 46406