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 Innovative Geotechnologies

2019 Chicago Geotechnical Lecture Series
Case Studies and Lessons in Geotechnical Engineering

Friday • May 10, 2019
Doubletree by Hilton Chicago – Oak Brook
Oak Brook Ballroom and Spring Room
1909 Spring Road
Oak Brook, IL 60523

Organized by:
Geo-Institute Chapter of the ASCE Illinois Section

Cooperating Organizations:

Continuing Education Credits = 7.0 PDH’s

The Chicago Geotechnical Lecture Series 2019 – Organizing Committee
Dr. Jim Hambleton, Northwestern University
Brandon Hughes, Thatcher Foundations Inc.
Fran Miller, Geopier Foundation Company
Alex Barlan, GSG Consultants
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 "Foundations for Bridges on the Mississippi", Dan Brown, Ph.D., PE, Dan Brown and Associates
9:10 - 10:10 AM "The Behavior and Characterization of Coarse-Grained Gravelly Soils", Jason DeJong, Ph.D., University of California-Davis
10:10 - 10:45 AM Break / Exhibitors
10:45 - 11:45 AM "The Brumadinho Tailings Dam Failure and the Future of Waste Dam Construction", Scott Olson, Ph.D., PE, University of Illinois
11:45 - 1:00 PM Lunch

Afternoon Session
1:00 - 2:00 PM "Building an 85ft high wall to Catch Jets for Chuck Yeager", Allen Cadden, PE, Schnabel Engineering
2:00 - 3:00 PM "Geologic History, Microstructure and Geotechnical Properties of a Soft Carbonatic Deposit", Marika Santagata, Ph.D., Purdue University
3:00 - 3:30 PM Break / Exhibitors
3:30 - 4:30 PM "Using the Dilatometer Test to Make Accurate Settlement Predictions", Roger Failmezger, PE, In-Situ Soil Testing, L.C.
4:30 PM Closing

Accommodations:
Doubletree by Hilton Chicago-Oak Brook
1909 Spring Road
Oak Brook, IL 60523
Phone: (630) 472-6000 Fax: (630) 573-1909
Reservations: (866) 812-3959

Note: Group rate of $129/night for "Geo-Institute Chapter meeting" when reservations are made by 4/18/19.

Parking: Public parking is available onsite.

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:

<table>
<thead>
<tr>
<th>Registration Type</th>
<th>Early Bird (by April 6, 2019)</th>
<th>April 6 to May 8, 2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>General</td>
<td>$275</td>
<td>$350</td>
</tr>
<tr>
<td>Educator/Government</td>
<td>$175</td>
<td>$250</td>
</tr>
<tr>
<td>Student (with valid ID)</td>
<td>$75</td>
<td>$100</td>
</tr>
<tr>
<td>Exhibitor (includes 1 General)</td>
<td>$550</td>
<td>$650</td>
</tr>
</tbody>
</table>

On-Line Registration with Credit Card or Check
https://www.123signup.com/register?id=rtrbt

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:
GSG Consultants, Inc
c/o Mr. Alex Barlan
623 Cooper Court
Schaumburg, IL 60173