

## PROGRAM DESCRIPTION

The annual geotechnical seminar provides a forum for the presentation of a wide variety of geotechnical field, design, and construction-related topics. This year we are honored to have as presenters Charles Ladd, James M. Duncan, James Collin, Willie NeSmith, Rod Farrington, Dick Short, and David White. Please join us for what promises to be an interesting and informative program. A certificate verifying 7.5 Professional Development Hours will be provided to registered attendees upon request.

## WHO SHOULD ATTEND

All professionals who are involved in geotechnical exploration, design, construction, or observation.

This would include:

- Engineers/Geologists
- University Instructors/Students
- Technicians/Contractors

## INFORMATION

ADMISSION to the seminar is by registration. To ensure admission, complete the registration and mail early.

THE REGISTRATION FEE covers coffee breaks, lunch and handout material.

REFUNDS will be made if the conference is canceled or if the applicant cancels no later than five working days prior to the conference date.

MAIL your registration and fee to:

2007 Geotechnical Seminar  
c/o Mr. John Christiansen, P.E.  
Thiele Geotech, Inc.  
13478 Chandler Road  
Omaha, NE 68138-6174

## SPONSORED BY:

AMERICAN SOCIETY OF CIVIL ENGINEERS,  
NEBRASKA SECTION

## IN COOPERATION WITH:

UNIVERSITY OF NEBRASKA  
DEPARTMENT OF CIVIL ENGINEERING  
AND THE COLLEGE OF ENGINEERING AND  
TECHNOLOGY

# 24<sup>th</sup> ANNUAL GEOTECHNICAL SEMINAR

## GEO-Omaha 2007

FEBRUARY 16, 2007  
SCOTT CONFERENCE CENTER  
OMAHA, NEBRASKA

The Scott Conference Center is located at 6450 Pine Street, on the University of Nebraska Omaha AKSARBEN campus, in Omaha, Nebraska. Travel directions and an area map are available online at [www.scott-center.com](http://www.scott-center.com). Complimentary parking is provided in Lot 9, directly across from the Scott Conference Center.

## PLANNING COMMITTEE:

DR. JOSEPH BENAK, P.E.  
UNIVERSITY OF NEBRASKA

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GEOTECHNICAL SEMINAR  
DEPARTMENT OF CIVIL ENGINEERING  
UNIVERSITY OF NEBRASKA  
OMAHA, NEBRASKA 68182



MAKE CHECK PAYABLE TO:

**ANNUAL GEOTECHNICAL SEMINAR**

**ANNUAL GEOTECHNICAL SEMINAR**

**GEO-Omaha 2007**

**DATE: FRIDAY, FEBRUARY 16, 2007**

MAIL PAYMENT WITH THIS ATTACHMENT TO:

**2007 Geotechnical Seminar  
c/o Mr. John Christiansen, P.E.  
Thiele Geotech, Inc.  
13478 Chandler Road  
Omaha, NE 68138-6174**

Name \_\_\_\_\_  
Title \_\_\_\_\_  
Phone (Area Code) \_\_\_\_\_  
Company \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

FULL TIME STUDENTS please list

College \_\_\_\_\_ and \_\_\_\_\_  
class \_\_\_\_\_

Registration fee is \$130 on or before February 14, 2007, \$150 after this date. Full time students pay \$25.00. Proceeds benefit the ASCE funded Peck/Benak Engineering Achievement Scholarship, Future City Competition, and local ASCE Student Section.

D e t a c h & m a i l



**Nebraska Section**

PRESENTS:

**24<sup>th</sup> ANNUAL GEOTECHNICAL SEMINAR  
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**MORNING SESSION**

- 7:30 - 8:00 Registration, Scott Conference Center
- 8:00 - 8:15 Welcome Address
- 8:15 - 9:15 "New Orleans Levee and Floodwall Failures during Hurricane Katrina"  
James M. Duncan, Ph.D., PE  
Distinguished Professor and Director  
Department of Civil and Environmental Engineering  
Virginia Polytechnic Institute
- 9:15 - 10:00 "Column Supported Embankments – US State-of-Practice"  
James G. Collin, Ph.D., PE  
The Collin Group, Ltd.
- 10:00 - 10:30 Break/Vendor Displays
- 10:30 - 12:00 "Recommended Practice for Soft Ground Site Characterization: Arthur Casagrande Lecture"  
Charles C. Ladd, Sc.D., PE, Edmund K. Turner Professor of Civil and Environmental Engineering, Emeritus  
Massachusetts Institute of Technology  
Co-Author: Don DeGroot, Sc.D., PE, Associate Professor, Dept. of Civil and Environmental Engineering  
University of Massachusetts at Amherst
- 12:00 - 1:00 Lunch/Vendor Displays

**AFTERNOON SESSION**

- 1:00 - 2:00 "Application of Drilled Displacement Piles in the Midwest"  
Willie NeSmith, PE, M.ASCE  
Berkel and Company
- 2:00 - 2:30 "Arresting Milk Tank Settlement Using Expanding Polymers"  
Rod Farrington  
URETEK ICR - Heartland
- 2:30 - 3:00 Break/Vendor Displays
- 3:00 - 3:45 "Plate Pile Slope Stabilizers, A Cost Saving Approach to Slope Stabilization", and DFI Overview  
Dick Short, PE, GE  
Senior Geotechnical Engineer  
Kleinfelder, Inc., Past President of DFI
- 3:45 - 4:30 "Soil Compaction – How Machines, Sensors, Computers, and Satellites Make This Process Intelligent"  
David J. White, Ph.D.  
Assistant Professor, Dept. of Civil, Const., and Environmental Engineering  
Iowa State University

**VENDOR DISPLAYS**

A display of products, equipment and services associated with the geotechnical, drilling, and construction industries will be provided by vendors and consultants. Firms that currently plan to attend include:

- ♦ A.S.P. Enterprises\*
- ♦ Berkel & Company Contractors, Inc.\*
- ♦ Durham Geo/Slope Indicator\*
- ♦ Geopier Foundation Company\*
- ♦ GEOTAC\*
- ♦ Geotechnical Services, Inc. (sponsor only)\*
- ♦ Geotechnology, Inc.\*
- ♦ Humboldt Manufacturing Company\*
- ♦ HWS\*
- ♦ Kleinfelder (sponsor only)\*
- ♦ Lumbermans\*
- ♦ Subsurface Constructors\*
- ♦ Tensar/Contech CPI\*
- ♦ Terracon Consultants\*
- ♦ The Schemmer Associates, Inc.\*
- ♦ Thiele Geotech, Inc. (sponsor only)\*
- ♦ Thrasher Basement Systems, Inc.\*
- ♦ URETEK ICR – Heartland\*
- ♦ Veit Companies\*
- ♦ Watkins Concrete Block Company, Inc.\*

\* - Special Thanks to our Conference Break Sponsors