



Preliminary Program

Earn up to
20
Professional
Development
Hours

GEO-DENVER

2007

New Peaks in Geotechnics
February 18-21, 2007
Adam's Mark Denver Hotel, Denver, CO



Visit www.geocongress.org
for more details and to
register **TODAY!**

*Register Before January 8th and
Stay at the Adam's Mark Denver Hotel
and Receive Great Savings!*

See page 29 for details



Join Us in Denver in 2007

On behalf of the organizing committee of Geo-Denver 2007 *New Peaks in Geotechnics*, we are pleased to invite you to participate in the Geo-Institute's main event in 2007. This Congress will showcase recent advances in all geo-applications through more than 300 technical paper presentations in numerous mini-symposia with sessions ranging from computer applications and numerical methods to deep foundations, earth retaining structures, soil properties, risk assessment, engineering geology, site characterizations and educational activities, to name a few. The Congress will include short courses, software and hardware demonstrations, technical tours, student paper competitions, and comprehensive exhibits. We are excited about our strong program offering over 15 different tracks covering the main technical committees of the Geo-Institute.

Within these sessions, the Congress will emphasize new and emerging fields of geotechnical engineering ranging from advanced instrumentation, sensors and new materials to nanotechnology and high-performance computer applications.

Come hear our distinguished Terzaghi and Peck Lectures. And join us for unique events including technical tours with stops at local breweries, student competitions involving building a reinforced-soil retaining wall and Geo-Jeopardy. All these activities are designed to make the learning environment fun!

You do not want to miss this Congress, so register now. We look forward to seeing you in Denver in 2007.

Congress Co-Chairs



Stein Sture, Ph.D., F.ASCE
University of Colorado,
Boulder



D. Vaughan Griffiths, Ph.D., P.E., F.ASCE
Colorado School of Mines

Congress Organizing Committee

ASCE Section & Branch Coordination (Local & National)

Dan Overton, P.E., MFG, Inc.
Stein Sture, Ph.D., F.ASCE
University of Colorado, Boulder
D. Vaughan Griffiths, Ph.D., P.E., F.ASCE
Colorado School of Mines

Conference Staff

Stacey Ann P. Gardiner, CMP,
Conference Manager
Jeff Sandersen, Exhibit Sales
Wendy Ashburn, Exhibit Management
Marcia Saumweber, Sponsorship
Demetria Taylor, Registration Coordinator

Exhibits Chair

Dan Overton, P.E., MFG, Inc.

Geo-Institute Staff

Carol W. Bowers, P.G., Director
Linda Bayer, Manager
Amy L. Dearborn, Program Coordinator

Hero Program Chairs

Dobroslav Znidarcic, Ph.D.
University of Colorado, Boulder
Stein Sture, Ph.D., F.ASCE
University of Colorado, Boulder

Local Organizing Committee

Christoph Goss, Ph.D., P.E.
Deere & Ault Consultants Inc.
Hon-Yim Ko, Ph.D.
University of Colorado, Boulder
Ning Lu, Ph.D., Colorado School of Mines
Mike Mooney, Ph.D., P.E.
Colorado School of Mines
Minal Parekh, P.E., Lyman Henn, Inc.

Publications/Proceedings Editor

Hal Olsen, Ph.D., Colorado School of Mines

Short Courses Chair

Frank McLean, Ph.D., P.E.

Software Demonstrations Chair

Louis Ge, Ph.D., University of Missouri - Rolla

Sponsorship Chair

John France, P.E., URS Corporation

Student Activities Chair

J. Antonio H. Carraro, Ph.D.
Colorado State University

Technical Program Chair

Charles D. Shackelford, Ph.D., P.E.
Colorado State University

Track Chairs

Computer Applications & Numerical Methods

Timothy C. Siegel, P.E.
Berkel & Company Contractors, Inc.

Deep Foundations

Billy Camp, P.E., Soil and Material Engineers, Inc.

Earth Retaining Structures

Hubert J. Deaton III
Schnabel Foundation Company

Earthquake Engineering & Soil Dynamics

Ross W. Boulanger, Ph.D., P.E.
University of California, Davis

Educational Activities

D. Vaughan Griffiths, Ph.D., P.E., F.ASCE,
Colorado School of Mines

Embankment, Dams, and Slopes

Peter G. Nicholson, Ph.D., P.E.
University of Hawaii

Engineering Geology & Site Characterization

J. Anand Puppala, Ph.D.
University of Texas at Arlington

Geoenvironmental Engineering

Susan E. Burns, Ph.D., P.E.
Georgia Institute of Technology

Geophysical Engineering

Soheil Nazarian, Ph.D., P.E.
University of Texas at El Paso

Geosynthetics

Mohammad A. Gabr, Ph.D., P.E.
North Carolina State University

Geotechnics of Soil Erosion

Giovanna Biscontin, Ph.D.
Texas A&M University

Grouting

Lawrence F. Johnsen, P.E.
Heller & Johnsen, Stratford, CT

Pavements

Erol Tumtumluer, Ph.D.
University of IL at Urbana-Champaign

Risk Assessment & Management

Kok-Kwong Phoon, Ph.D.
National University of Singapore

Shallow Foundations

Phil King, P.E., SynchroPile, Inc.

Soil Improvement

Vernon R. Schaefer, Ph.D., P.E.
Iowa State University

Soil Properties & Modeling

Don J. DeGroot, Ph.D.
University of Massachusetts Amherst

Underground Construction

Samuel T. Ariaratnam, Ph.D., P.E.
Arizona State University