



ASCE Geotechnical Subcommittee – St. Louis
Presents

“Fall Technical Seminar”

DATE AND TIME: Friday, October 30, 2009 8:00AM to 12:00PM
(Doors open at 7:00am and breakfast will be provided)

LOCATION: Engineers Club, 4359 Lindell Blvd. St. Louis, MO 63108

COST: \$80.00 ASCE Members; \$100 Non-members; \$25.00 students. Four (4) PDHs will be awarded. Advanced payment is appreciated. *ASCE is charged for all reserved meals. If you've signed up and can't make it, please cancel by 10/27/09 or we will have to charge you for the meal.*

RSVP: Please RSVP by 10/16/09 to: ASCE St. Louis Section, c/o Patrick Kinsella, Shannon & Wilson, Inc., 2043 Westport Center Drive, St. Louis, Missouri 63146, phone: (314) 699-9660, email: pmk@shanwil.com

Chris Groves- Standard of Practice of Levee Design.

Until recently the practice in levee design may not have matched the public's expectations for performance. News of levee breaches and heroic sandbag efforts have been commonplace. Chris will present and discuss several shortcomings in the standard of practice.

Chris Groves is a Senior Vice President with Shannon & Wilson. He has recently served as Geotechnical Project Manager for several major U.S. Army Corps of Engineers' design projects and serves on the Independent Consulting Board for Review of the Urban Levee Evaluation Program for the California Department of Water Resources.

Dr. Richard W. Stephenson – Auger Cast Piles

Dr. Stephenson will discuss the current practice in the design of auger cast piles.

Dr. Stephenson is Professor of Civil Architectural and Environmental Engineering at Missouri University of Science and Technology. Rick has published over 100 papers primarily in his research interests that include deep foundations, geotechnical earthquake engineering, helical anchors, laboratory characterization of soil behavior, deterioration of foundations of Egyptian antiquities and, most recently, liquefaction of silt and clayey soils.

John Wolosick - Micropiles.

John will discuss installation and design of micropile. Given the local geology near St. Louis the presentation will touch on micropiles used in seismic and karst conditions.

John Wolosick is Director of Engineering for Hayward Baker Inc., Atlanta, Georgia where he covers projects nationwide. He is a Trustee of the Deep Foundations Institute (DFI). He is former Co-Chair of the ADSC/DFI Micropile committee (2004-2007). He is also a member of the ASCE Earth Retaining Structures committee and Past-Chair of the ASCE Georgia Section Geotechnical Committee (2003-2005).

Dr. Scott M. Olson – Geotechnical Earthquake Engineering for the New MRB

Dr. Olson will introduce and discuss the conditional mean spectrum concept for bridge design and its impact on the site response and liquefaction analyses. How these innovative design methodologies were applied to the new I-70 bridge to greatly reduce the seismic demand on the bridge and foundations will be presented.

Dr. Olson is an assistant professor of Civil and Environmental Engineering at the University of Illinois at Urbana-Champaign. His research interests include geotechnical earthquake engineering, paleoseismology, geohazards, in situ testing, instrumentation, and soil-structure interaction.