

# BOSTON SOCIETY OF CIVIL ENGINEERS SECTION



## Geo-Institute One-Day Seminar



### Recent Advances in Geotechnical Engineering

SEMINAR SCHEDULE  
Saturday, October 29, 2005

<b>Registration (coffee and pastries provided)</b>	7:15 am-8:00 am
<b>Introduction &amp; Welcome</b> Kathleen M. Murtagh, P.E., CDM, Seminar Chair	8:00 am-8:15 am
<b>Keynote Address</b> Eric O'Neill, P.E., New England Foundation Co., Inc.	8:15 am-8:40 am
<b>Session I: Automated Collection of Instrument Data</b> Allen Marr, Ph.D., P.E., GeoComp Corp.	8:40 am-9:20 am
<b>Expanding the Application of Dynamic Pile Testing</b> Frank Rausche, Ph.D., P.E., GRL Engineers, Inc.	9:20 am-10:00 am
<b>Coffee Break</b>	10:00 am-10:20 am
<b>Session II: Tire Derived Aggregate as Lightweight Fill for Embankments and Retaining Walls</b> Dana N. Humphrey, Ph.D., P.E., University of Maine	10:20 am-11:00 am
<b>Expanding the Use of EPS Geofoam in Practice</b> John Horvath, Ph.D., P.E., Manhattan College	11:00 am-11:30 am
<b>EPS Structural Innovations on the CA/T Project</b> Hany Riad, Ph.D., P.E., Parsons Brinckerhoff	11:30 am-12:00 pm
<b>Lunch</b>	12:00 pm-1:30 pm
<b>Session III: Column Supported Embankment Design Issues</b> James Collin, Ph.D., P.E., The Collin Group, Ltd.	1:30 pm-2:10 pm
<b>Piled Raft Foundations</b> Oliver Reul, Ph.D., CDM	2:10 pm-2:50 pm
<b>Urban Tunneling – Where Are We Today</b> Gerhard Sauer, Ph.D., P.E., Dr. Sauer Corp.	2:50 pm-3:30 pm
<b>Coffee Break</b>	3:30 pm -3:45 pm
<b>Session IV: Risk Managed Design Method Applied to Horizontal Directional Drilling</b> Brian Dorwart, P.E., P.G., Haley & Aldrich, Inc.	3:45 pm-4:15 pm
<b>Modern Trends in Quality in Drilling and Grouting</b> Donald Bruce, Ph.D., Geosystems, L.P.	4:15 pm-4:45 pm
<b>Advances and Innovations in Ground Improvement Systems</b> George Burke, P.E., Hayward Baker, Inc.	4:45 pm-5:15 pm
<b>Closing Remarks</b>	5:15 pm-5:30 pm