

Registration fees include:

- Conference admission and Exhibitor’s Fair
- One paper copy and a CD of the conference proceedings
- Coffee and pastries at registration
- Morning and afternoon refreshment breaks
- Lunch

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For group registrations, please copy this form as needed.

Registration Options:

Mail in - (please check type):

- \$140.00 Registration (Received by April 25)
- \$50.00 Full-time Student
- \$400.00 Vendor Registration (includes one individual registration, additional registrations at \$70.00 each)
- \$30.00 Additional Copy of Proceedings

Late Registration After April 25, 2008

- \$175.00 Late Registration

Total Amount Remitted:

\$ _____

Continuing Education Credits

Certificates for eight PDH’s will be awarded for completion of the conference.

Please make check payable to ASCE Metropolitan Indianapolis Branch and mail to:

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7770 West New York Street
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PLANNED AGENDA

MORNING SESSION:

Moderator: Mr. David Warder, Ph.D., P.E.
Coordinator: Mr. William Dubois, P.E.

7:00 – 8:15	Registration, Meet & Greet
8:15 – 8:30	Introductions and Opening Remarks
8:30 – 9:20	Keynote - Dr. W. Allen Marr, P.E. – Role of Geotechnical Performance Monitoring in Heavy Civil Construction
9:20 – 9:55	Dr. Robert Bachus, et. al. – Use of Field Instrumentation and Monitoring to Assess Ground Modification by Blast Densification
9:55 – 10:15	Break and Exhibitor’s Fair
10:15 – 10:50	Dr. Christopher R. Byrum, P.E. – Three Geotechnical Instrumentation Projects in Michigan: Sheet Pile Bending, Controlled Shear Failure of a Flood Control Embankment-Twice, and A Fully Remote System for Bridge Approach Embankment Settlement
10:50 – 11:25	Steven M. Elliott, P.E, et. al. – Geotechnical Instrumentation Applied to Construction and Performance Monitoring of Permanent Earth Retention and Excavation Support Systems, Van Andel Institute Phase II, Grand Rapids, Michigan
11:25 – 12:00	Jim Bullard, P.E. and Dr. Jorge R. Parra, - Comparison of Load Test Results and Performance of the Rammed Aggregate Pier® System in Undocumented Fill
12:00 – 1:00	Lunch and Exhibitor’s Fair

AFTERNOON SESSION:

Moderator: Mr. Kevin Sutterer, Ph.D., P.E.
Coordinator: Mr. Michael Miller, P.E.

1:00 – 1:50	Keynote - Professor Richard J. Finno, Ph.D., P.E. – Linking field observations and performance prediction updates during construction
1:50 – 2:25	David A. Saftner, et. al. – The Use of Wireless Sensors in Geotechnical Field Applications.

2:25 – 2:45	Break and Exhibitor’s Fair
2:45 – 3:20	Dr. Mazen M. Haydar, et. al – Field-scale Instrumentation and Testing of a Monitored Preload Fill
3:20 – 3:55	Salim M. Ilmudeen, P.E. – Pile Load Tests On Instrumented Auger Cast Piles In Carmel, Indiana
3:55 – 4:30	Peter Chou, P.E., et. al - Moving Forward in Construction Monitoring – An Automated, Real-time, Web-based Instrumentation for New Harbor Construction for Argosy Casino Lawrenceburg Penn National Gaming
4:30 – 4:45	Closing Remarks / End of Seminar

Scope of the Conference

The field of geotechnical engineering has been considered largely to be an applied science fraught with uncertainty and potentially large consequences from unexpected performance of constructed facilities. Subsequently, the risks presented by these elements require control, and performance monitoring through the use of instrumentation is an essential tool for managing these risks. The 15th Annual GLGGC will provide a forum for presenting some of these applications. The emphasis will be towards the use of geotechnical instrumentation for performance monitoring.

Location

The conference will be held at The Fountains Banquet and Conference Center, which is located at 502 East Carmel Drive in Carmel, Indiana.

Parking

Parking is free and is available at the conference center.

Hotel Accommodations in Carmel, Indiana

DoubleTree Guest Suites, 11355 N. Meridian St, Phone: 317-844-7944; **Spring Hill Suites & Residence Inn**, 11855 N. Meridian Street, Phone: 317-846-1800; **Hilton Garden Inn**, 13090 Pennsylvania Street, Phone: 317-581-9400; and **Hampton Inn**, 12197 N. Meridian Street, Phone: 317-843-1100.

Indy 500 Qualifications

Qualifications for this year’s Indy 500 begin on May 10 and continue through the weekend. After the conference, plan on making a weekend visit to Indianapolis Motor Speedway. Tickets are available for Pole Qualifications at the track for only \$10.

Keynote Speaker



W. Allen Marr, Ph.D., P.E.

Dr. Allen Marr is a geotechnical engineer with specialized expertise in the design of large earthwork facilities, ground improvement and performance monitoring. In 1982, he founded Geocomp Corporation, a firm that makes automated testing equipment and remote monitoring systems for civil engineering applications. In 1990, he founded GeoTesting Express, an independent testing laboratory that provides materials testing and consulting services to the civil engineering and construction industries. Prior to founding Geocomp, he taught at MIT for ten years and worked as a geotechnical consultant with Prof. T.W. Lambe on many international projects, including the Oosterschelde stormsurge barrier in Holland. Dr. Marr has provided consulting services on a wide variety of projects including earthen dams, tunnels, excavations, embankments, natural slopes, landfills, and foundations. He led the team that monitored all geotechnical instruments for the construction of the \$15 billion Central Artery/Tunnel project in Boston, and a team that provided real-time monitoring of the safety of a deep excavation adjacent to the Kentucky Lock on the Tennessee River. Dr. Marr is a graduate of the University of California, Davis and the Massachusetts Institute of Technology, where he received his Ph.D. in Geotechnical Engineering.

Keynote Speaker



Professor Richard J. Finno, Ph.D., P.E.

Dr. Rich Finno is a professor in the Department of Civil and Environmental Engineering at Northwestern University. He has a B.S. in Civil Engineering from the University of Illinois, Urbana, a MSCE in Geotechnical Engineering from Stanford University, and a Ph.D. in Civil Engineering from Stanford University. Dr. Finno started his career as a soils engineer with Sargent & Lundy Engineers in Chicago before moving on to become a Project Engineer with Woodward-Clyde Consultants in both Chicago and San Francisco. His research interests include adaptive management of excavation-induced ground movements, evaluating full-scale performance of earth retention structures, non-destructive evaluation and failure processes in soil. He has consulted on failures associated with soft ground tunnels, retaining structures and sunken caissons, evaluations of ground movements and their effects on structures, slope stability questions, and assessments of damage to structures. He is the author or co-author of 111 reviewed technical papers and 20 technical reports. This work has resulted in recognition from ASCE in the form of the Thomas A. Middlebrooks Award (twice), the Walter L. Huber Civil Engineering Research Prize and the Arthur Casagrande Professional Development Award. He was named Civil Engineer of the Year by the Illinois Section of ASCE in 2007.



**15th Annual
Great Lakes Geotechnical/Geoenvironmental
Conference (GLGGC)
on
Applications of Geotechnical Instrumentation
for the
Performance Evaluation of Constructed Facilities**

May 9, 2008

**The FOUNTAINS
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Carmel, IN**

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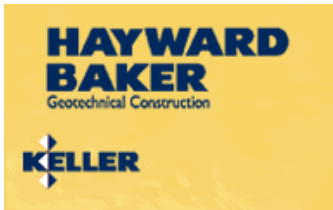
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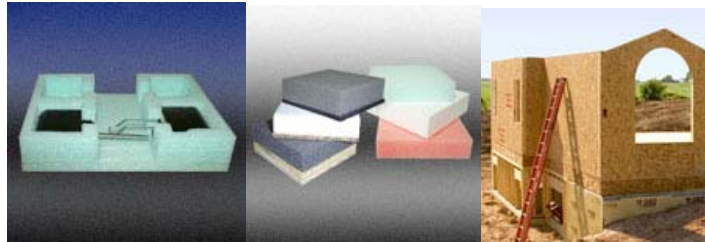
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