

Engineer Receives Prestigious GBE Award

Adapted from information received from Pile Dynamics, Inc.

ASCE
American Society of Civil Engineers



Frank Rausche

PDI
Pile Dynamics, Inc.

GRL
Dynamic Measurements and Analysis
engineers, Inc.

Frank Rausche, PhD, PE, has been awarded the 2009 G. Brooks Earnest (GBE) Technical Lecture Award by the Cleveland Section of the American Society of Civil Engineers (ASCE). Dr. Rausche is president of GRL Engineers, Inc, a partner in Pile Dynamics, Inc. (PDI), and a founder of both companies. He is a prominent researcher and one of the early pioneers of the field of Dynamic Testing of Deep Foundations and Wave Equation Analysis of Pile Driving.

The prestigious GBE award was established by the Cleveland Section in honor of G. Brooks Earnest, who was its president in 1943, national president of ASCE in 1962, and president of Fenn College from 1952 until the formation of Cleveland State University in 1964. The award is presented yearly to an outstand-

ing individual of prominence in the field of civil engineering. Previous recipients include Ralph Peck, T. William Lambe, Elio D'Appolonia, Gerald A. Leonards, James K. Mitchell, George Goble, T.Y. Lin, and many other distinguished engineers.

"In the last few years, I have been travelling all over the world; and whether it is in China, where thousands of piles are being driven each month, India, Latin America, or Europe, names like Pile Dynamics, CAPWAP, GRL, keep being mentioned," said Dr. Adel (Tony) Saada, professor and former chair of the civil engineering department at Case Western Reserve University and himself a previous GBE recipient. "Frank is spreading knowledge and know-how developed here in Cleveland all over the world; and his techniques are being used every day."

Dr. Saada continued by highlighting the name recognition of the methods Frank Rausche originally developed at Case Western and later took to market through GRL and PDI. "In the area of deep foundations they (GRL and Pile Dynamics) are the equivalent of our Cleveland Orchestra. Does this sound lyrical? Maybe! But it is true."

Dr. Rausche will deliver the Technical Lecture in Cleveland this fall.

Pile Dynamics, Inc. manufactures and sells quality assurance systems such as: Pile Driving Analyzer®, CAPWAP®, Pile Integrity Tester, Cross-Hole Analyzer, Pile Installation Recorder, GRLWEAP (Wave Equation Analyses) software, and more. These products are the worldwide golden standard in deep foundation monitoring and testing.

GRL Engineers, Inc. provides services for the deep foundations industry, including Dynamic Load Testing, Pile Driving Monitoring, Integrity Testing by Crosshole Sonic Logging and Impact Echo, Wave Equation Analysis, SPT (Standard Penetration Test) Energy Calibration, and Hammer Performance Analysis.

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