

September 12, 2012

# The Victor Milligan Lecture

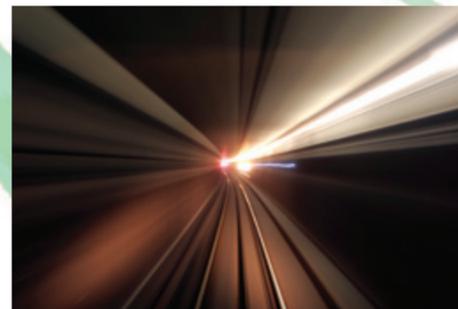
## Seismic Measurements and Geotechnical Engineering



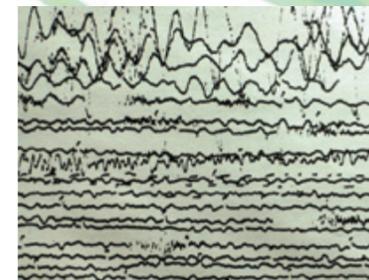
Professor Kenneth H. Stokoe II, Ph.D.

Dr. Kenneth H. Stokoe, II is the holder of the Jennie C. and Milton T. Graves Chair in Engineering in the Civil, Architectural and Environmental Engineering Department at the University of Texas at Austin. He has been working in the areas of field seismic measurements, dynamic laboratory measurements, and dynamic soil-structure interaction for more than 40 years. He has been instrumental in developing several small-strain field methods for in-situ shear wave velocity measurements. He has also developed two types of resonant column systems that are used to evaluate dynamic soil and rock properties in the laboratory. Over the last ten years, Dr. Stokoe has led the development of large-scale mobile field equipment for dynamic loading of geotechnical systems, foundations and structures, an activity funded by the National Science Foundation in the NEES (Network for Earthquake Engineering Simulation) program. The equipment led to the development of new testing methods to evaluate soil nonlinearity and liquefaction directly in the field.

Dr. Stokoe has received several honors and awards, including election to the National Academy of Engineering, the Harold Mooney Award from the Society of Exploration Geophysicists, the C.A. Hogentogler Award from the American Society for Testing and Materials, the H. Bolton Seed Medal and the Karl Terzaghi Distinguished Lecturer from the American Society of Civil Engineers.



Wednesday, September 12,  
Lecture: 4:30pm - 5:30pm  
MacDonald Hall, Room 3,  
Queen's University,  
128 Union Street



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