



**Dottorato di Ricerca in Ingegneria Strutturale, Geotecnica e Rischio Sismico**

**Dottorato di Ricerca in Ingegneria dei Sistemi Civili**

## **Avviso di Seminario**

**Venerdì 22 marzo 2019 ore 10:00**

**il prof. Kenneth H. Stokoe, II**  
**(the University of Texas at Austin, USA)**

terrà due seminari dal titolo

**Recent advances in field measurements of dynamic soil properties  
using the SABW (*Spectral-Analysis-of-Body-Waves*) method**

**Building a framework for predicting settlements  
of shallow foundations on granular soil with MoDaMP  
(*Modeling with Dynamically Measured Soil Properties*)**



Aula Mendia

**Dipartimento di Ingegneria Civile, Edile ed Ambientale**  
Università degli Studi di Napoli Federico II  
edificio C8, I piano, via Claudio 21 – Napoli



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 12 years, Dr. Stokoe has led the development of large-scale mobile field equipment for dynamic loading of geotechnical systems, foundations and structures, an activity that has been funded by the National Science Foundation in the NEES (Network for Earthquake Engineering Simulation) program. The equipment has already 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, and the H. Bolton Seed Medal and the Karl Terzaghi Distinguished Lecturer from the American Society of Civil Engineers.