



UNIVERSITA' DEGLI STUDI DI CATANIA  
DIPARTIMENTO DI INGEGNERIA CIVILE E ARCHITETTURA  
DOTTORATO DI RICERCA  
"VALUTAZIONE E MITIGAZIONE DEI RISCHI URBANI E TERRITORIALI"



UNIVERSITA' DEGLI STUDI DI ENNA "KORE"  
FACOLTA' DI INGEGNERIA E ARCHITETTURA  
DOTTORATO DI RICERCA  
"INFRASTRUTTURE CIVILI PER IL TERRITORIO"

**Lunedì 14 Marzo 2016 Ore 15.00**

**AULA Oliveri  
SEMINARIO**

*"The Increasing Role of Seismic Measurements in Geotechnical Engineering"*

**Professor Kenneth H. Stokoe, Ph.D.**

Department of Civil Engineering  
The University of Texas at Austin

**Martedì 15 Marzo 2016 Ore 10.00**

**AULA Oliveri  
SEMINARIO**

*"Effectiveness of Inhibiting Liquefaction Triggering by Shallow Ground Improvement Methods:  
Field Shaking Trials with T-Rex at One Area In Christchurch, NZ"*

**Professor Kenneth H. Stokoe, Ph.D.**

Department of Civil Engineering  
The University of Texas at Austin



**Professor Kenneth H. Stokoe:** Graves Chair in Engineering at The University of Texas at Austin, USA. Ph.D. in Civil Engineering. His research topics include in-situ seismic measurements by borehole and surface-wave methods, laboratory measurements of the linear and nonlinear dynamic properties of geotechnical materials by combined resonant column and torsional shear equipment, in-situ linear and nonlinear measurements of the shear and constrained moduli of geotechnical and solid waste materials using large vibroseis and in-situ measurements of the liquefaction-triggering characteristics of sand and silty soils.

Seminar language will be English.  
The seminar will last approximately 2 hrs.