



**POLITECNICO
DI TORINO**

Friday, May 26th

Albenga Room

Entrance 1, Second floor

Department of Structural, Geotechnical and
Building Engineering

Corso Duca degli Abruzzi, 24 - Torino

On Friday, May 26th, in the Albenga Room of DISEG, Prof. Stokoe, Dr. Goudarzy and Dr. Baille will present the following research seminars on Geotechnical Engineering topics.

Your attendance will be really appreciated.

10.00 a.m. |

Prof. Kenneth H. Stokoe

Department of Civil Engineering, University of Texas at Austin

“Field Measurements of the Variability in $r_u - \log \gamma$ and $G - \log \gamma$ Relationships in Christchurch, NZ and Port of Longview, WA Soils Based on Shaking Trials with T-Rex.”

Prof. Stokoe is acknowledged worldwide as an outstanding expert in the areas of *in situ* seismic measurements, laboratory measurements of dynamic material properties and dynamic soil-structure interaction.

3.00 p.m. |

Dr. Wiebke Baille

Department of Civil and Environmental Engineering, Bochum University

“Liquefaction Potential of Sands Containing Fines – From CSSM to Engineering Applications.”

Dr Baille obtained her PhD from in 2014, presenting a thesis on *“hydro-mechanical behavior of clays – significance of mineralogy”*. Her many research interests include the liquefaction potential of soils containing fines.

4.30 p.m. |

Dr. Meisam Goudarzy

Department of Civil and Environmental Engineering, Bochum University

“The Application of Equivalent State Parameter to Predict Shear Wave Velocity in Sands Containing Fines.”

Dr. Goudarzy obtained his PhD in 2015, presenting a thesis on *“micro and macro mechanical assessment of small and intermediate strain properties of granular material”*. He is currently working with Prof. Tom Schanz on the influence of the fines content on shear wave velocity relationships for sands.