



Dottorato di Ricerca in Ingegneria Strutturale, Geotecnica e Rischio Sismico

Dottorato di Ricerca in Ingegneria dei Sistemi Civili

## Avviso di Seminario

Mercoledì 10 aprile 2019 ore 10:30

la prof. **Shideh Dashti, Ph.D.**  
**Associate Professor in**  
**Geotechnical Engineering and Geomechanics**  
**University of Colorado Boulder**

terrà un seminario dal titolo

**Physics-informed semi-empirical probabilistic models  
for predicting building settlement and tilt on liquefiable ground**



Aula Mendia

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



Shideh Dashti is an Associate Professor in Geotechnical Engineering and Geomechanics and Co-Director of Center for Infrastructure, Energy, and Space Testing (CIEST) at the University of Colorado Boulder (CU) in the United States. Dr. Dashti obtained her undergraduate degree at Cornell University and graduate degrees at the University of California, Berkeley. She worked briefly with ARUP (New York City) and Bechtel (San Francisco) Geotechnical groups on several engineering projects in the US and around the world involving the design of foundation systems, slopes, and underground structures and tunnels.

Her research team at CU studies:

- the interactions and interdependencies among different infrastructure systems during earthquakes and other types of disasters;
- the seismic performance of underground structures;
- consequences and mitigation of the liquefaction hazard facing structures in isolation and in dense urban settings.

Since she started her academic career at CU in 2011, Dr. Dashti has received the Departmental Teaching Award, the Department's Young Researcher Award, the National Science Foundation's Early CAREER Award, and the 2018 ASCE Arthur Casagrande Professional Development Award. More information on her team's activities can be found here: <https://shidehdashti.com>.