A.D. 1308 unipg
DIPARTIMENTO DI INGEGNERIA CIVILE E AMBIENTALE
DIPARTIMENTO DI ECCELLENZA

DOCTORAL PROGRAM
IN CIVIL AND ENVIRONMENTAL ENGINEERING

XXXVI cycle CEEPhD

Doctoral Defenses

March, 2024

Location Hybrid: - MS Teams platform
- Campus of Engineering, University of Perugia
Latitude: 43.118177 Longitude: 12.357942

Program

DAY 1 – March 14th 2024, Aula Magna Click here to join!

3:00 pm CET **Valentina Giglioni (30 min presentation + 45 min discussion)**

Thesis Title: Transfer Learning approaches for Structural Health Monitoring of roadway bridges

Unipg Tutors: Ilaria Venanzi and Filippo Ubertini

International Tutor: Keith Worden (University of Sheffield)

DAY 2 – March 15th 2024, Aula Magna Click here to join!

9:00 am CET **Monica Battistoni (30 min presentation + 45 min discussion)**

Thesis Title: RESILIENT COMMUNITIES - Exaptation applied to climate change as a regenerative process for post-industrial cities. Case study: Perugia, Ponte San Giovanni

Unipg Tutors: Paolo Belardi and Eliana Martinelli

International Tutor: Alessandro Melis (New York Institute of Technology)

DAY 3 – March 18th 2024, Auletta Click here to join!

3:00 pm CET **Sofia Barili (30 min presentation + 45 min discussion)**

Thesis Title: The effects of plastic and bioplastic materials on soil health: interactions between the polymer's degradation and the physical, chemical and microbiological properties of soil

Unipg Tutors: Giovanni Gigliotti and Daniela Pezzolla

International Tutor: Matthias Rillig (Freie Universität Berlin)

DAY 4 – March 26th 2024, Aula Magna Click here to join!

9:00 am CET **Arianna Lupattelli (30 min presentation + 45 min discussion)**

Thesis Title: Insights on the Thermo-Mechanical Behavior of Energy Geostructures from Laboratory to Real Scale. Experimental, Numerical and Analytical Frameworks

Unipg Tutors: Diana Salciarini

International Tutor: Peter John Bourne-Webb, Teresa Maria Bodas Freitas (Instituto Superior Técnico ULisboa) and Alessandro Francesco Rotta Loria (McCormick School of Engineering)

10:15 am CET **Davide Pauselli (30 min presentation + 45 min discussion)**

Thesis Title: 3D Modeling of Soil-Structure Interaction for Seismically Loaded Bridge Piers Founded on Caissons

Unipg Tutors: Diana Salciarini and Filippo Ubertini

International Tutor: Ritesh Gupta and Christophe Dano (Universitè Grenoble Alpes)

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