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DIPARTIMENTO
DI INGEGNERIA
CIVILE E AMBIENTALE
DIPARTIMENTO DI ECCELLENZA

DOCTORAL PROGRAM IN CIVIL AND ENVIRONMENTAL ENGINEERING

2nd Final Year Meeting CEEP^hD DAY

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

Timetable October 28th 2021 – 9:30 a.m. (CET)
General Channel (CEEP^hD Team:
PL_Dott_Civil_Environmental_Engineering)

Program

9:30 Welcome address

9:30 First Year Presentations (XXXVI Cycle, 15 min + 5 min questions)

9:30-9:50 Barili Sofia

Bioplastics effects on soil quality: a research on the interactions between the polymers degradation and the physical, chemical and biological properties of soil

9:50-10:10 Battistoni Monica

Resilient Communities. Exaptation concept applied to climate changes as a regenerative process of post-industrial cities. Case study: Perugia

10:10-10:30 Farneti Elisabetta

A new approach for structural assessment based on computational collapse analysis and satellite remote sensing monitoring

10:30-10:50 Giglioni Valentina

Transfer Learning approaches for structural health monitoring of roadway bridges

10:50-11:10 Lupattelli Arianna

Thermo-Hydro-Mechanical behavior of Energy Piles and Micropiles

11:10-11:30 Pauselli Davide

Dynamic Soil-Structure Interaction of Bridge Foundations

11:30-11:50 Santantonio Giulia

New ways of living in the post-pandemic city. The role of collective proximity spaces in the horizon of urban sustainability (and resilience)



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11:50 Second Year Presentations (XXXV Cycle, 20 min + 5 min questions)

11:50-12:15 Choura Ossama

Transient Flow Study and Fault Detection in Polymeric Pipe Networks

12:15-12:40 Garcia Macias Enrique

Online damage identification of structures via continuous in-operation ambient vibration monitoring

12:40-13:05 Liberotti Riccardo

Defence of Architectural and Cultural Heritage: a Multidisciplinary Approach across Restoration, Reuse and Structural Strengthening of Historical Masonry Buildings

13:05-14:30 Lunch Break

14:30-14:55 Maietta Filomena

On the dynamic interaction between supply regulating devices and network functioning conditions: laboratory tests

14:55-15:20 Meschini Michela

Historical heritage modeling. The BIM approach to architecture.

15:20-15:45 Pelliccia Giulia

Timber generative architecture

15:45-16:10 Rubin Andrea

Monitoring of the dynamic behaviour of a water distribution system

16:10-16:35 Saraceni Miriam

Numerical modeling of the water cycle budget in the context of global warming

16:35-17:00 Schiantella Mattia

Limit analysis of non-periodic masonry by means of discontinuity layout optimization: parametric investigation and comparison with FEM methods.

17:00-17:25 Seccaroni Marco

Cognitive sciences for urban space

17:25-17:50 Sorignani Camilla

GENIUS LOCI. The contextualism as an archetypal principle of architectural composition for the enhancement of the relationship between artifice and nature

17:50-18:15 Tirello Lorenzo

Management of transients in long transmission mains

18:15 International Faculty Board Meeting

19:00 Closure

