

5th PDEC Annual Workshop

Programming

Time	Activity	Position	Topic
09:00	Opening Session – Professor Pedro Arezes	President of the School of Engineering University of Minho	
09:15	Lecture- Doctor Hélder Gonçalves	Director of The National Laboratory of Energy and Geology (LNEG)	Climate Change, Challenges for Sustainable Cities
10:00	Presentation- Alexandre Rocha Salles	Ph.D. Student - Centre for Territory, Environment and Construction	Efficiency and durability of composite cold-formed steel and concrete bonded structures
10:15	Presentation- Adilson Campos de Paula Junior	Ph.D. Student -Institute for Sustainability and Innovation in Structural Engineering	Development of optimized compressed earth block
10:30	Presentation- Nicoletta Bianchini	Ph.D. Student - Institute for Sustainability and Innovation in Structural Engineering	Seismic assessment of masonry cross vaults by means of shaking table tests and numerical simulations
10:45	Presentation- Dmytro Maslov	Ph.D. Student - Institute for Sustainability and Innovation in Structural Engineering	Biomimetic modular artificial reefs: design and flow behavior
11:00	Coffee Break		
11:30	Lecture- Professor Robert Harris	Academic Vice President of Doctoral Education Employment at Karolinska Institutet -Stockholm, SE	Why hamburgers are bad for you - the giving and receiving of feedback
12:15	Presentation- Pier Giovanni Benzo	Ph.D. Student - Institute for Sustainability and Innovation in Structural Engineering	A lightweight floor system based on steel sandwich panel with web core: development and characterization
12:30	Presentation- Abide Aşıkoğlu	Ph.D. Student - Institute for Sustainability and Innovation in Structural Engineering	Numerical simulation of quasi-static test on a half-scale URM building
12:45	Lunch		
14:00	Lecture- Professor Yining Ding	Full Professor at University of Dalian, China	Smart concrete
14:40	Lecture- Professor Cedric Vuye	Associate Professor at University of Antwerp, Belgium	DIC/Scanning Laser Doppler Vibrometry
15:15	Presentation- Monica Patricia Santamaria Ariza	Ph.D. Student - Institute for Sustainability and Innovation in Structural Engineering	Framework for risk assessment of road networks under natural hazards
15:30	Presentation- Luís Miguel Pinto de Matos	Ph.D. Student - Institute for Sustainability and Innovation in Structural Engineering	A hybrid constitutive model that couples fibre pullout and aggregate interlock resisting mechanisms for the simulation of FRC structures
15:45	Presentation- Joana Maria dos Santos Gonçalves	Ph.D. Student - Institute for Sustainability and Innovation in Structural Engineering	Beyond good intentions: building passport for sustainable conservation of built heritage
16:00	Presentation- Raul Tomaz de Almeida	Ph.D. Student - Institute for Sustainability and Innovation in Structural Engineering	Pedestrian-autonomous vehicle interaction in a simulated environment: Risk analysis
16:15	Coffee Break		
16:45	Presentation- Gabriel José Cabral Dias	Ph.D. Student - Centre for Territory, Environment and Construction	Exploratory approach of the impacts of shared e-scooters on urban mobility
17:00	Presentation- Behzad Zahabi Zadeh	Ph.D. Student - Institute for Sustainability and Innovation in Structural Engineering	Development of cementitious materials for 3D concrete printing
17:15	Closing Session- Professor Joaquim Barros	Director of the Doctoral Programme in Civil Engineering	