



ICCSE2024

International Conference on Civil and Structural Engineering

October 21st, 2024 | Edinburgh, UK



Final Program

Day-01 | October 21st, 2024

Chair **Nadhir Al Ansari**, Lulea Technical University, Sweden

Co-Chair **Ying Wang**, Harbin Institute of Technology, China

09:30-10:10 **P** **Title:** Challenges of Water Management
Nadhir Al Ansari, Lulea Technical University, Sweden

10:10-10:50 **P** **Title:** Soil Nail and Ground Anchor Walls
Jaime Boris Irahola, The SPS Corporation, USA

10:50-11:05 **Refreshment Break**

11:05-11:45 **P** **Title:** Some Reflections of Structure, Architecture and Construction
Remo Pedreschi, The University of Edinburgh, UK

11:45-12:25 **P** **Title:** Sustainable Construction: Utilizing Waste through Accelerated Carbonation Processes
Joao Castro Gomes, University of Beira Interior (UBI), Portugal

12:25-13:05 **P** **Title:** Developing Performance Specifications Through Rapid Durability-Based Performance Evaluation for High-Performance Bridge Deck Concrete
Anol Mukhopadhyay, Texas A&M University, USA

13:05-14:05 **Group Photo**

Lunch Break

14:05-14:45 **P** **Title:** Refined Structural Condition Identification Based on Deep Transfer Learning
Ying Wang, Harbin Institute of Technology, China

14:45-15:25 **P** **Title:** Strengthening of Masonry and RC Structures by FRP: Results of Experimental Tests
Roberto Capozucca, Polytechnic University of Marche, Italy

15:25-15:55 **K** **Title:** Navigating Earthquake Risk: Exploring Challenges in Assessment and Understanding
Petros Christou, Frederick University, Cyprus

15:55-16:25 **K** **Title:** Recent Advances in Frame Elements for Reinforced and Prestressed Concrete Structures
Enrico Spacone, University G. D'Annunzio, Italy

16:25 - 16:40

Refreshment Break

16:40-17:10

- K** *Title:* Pedestrian and Bicycle Overpasses in Intra-City Railway Corridors in Context of Sustainable Urban Development
Zeljka Jurkovic, Josip Juraj Strossmayer University, Croatia

17:10-17:40

- K** *Title:* Water and National Security: Water for Regional Peace
George Vasdravellis, Heriot Watt University, UK

17:40-18:00

- I** *Title:* Mechanical Behaviour of New Cold-Formed Steel Built-Up Structural Members
Kaveh Khazanehdarloo, Glasgow Caledonian University, UK

18:00-18:20

POSTER PRESENTATION

Poster

- I** *Title:* Assessment of the Seismic Response of Multi-Story RC Buildings Considering the Influence of Soil-Structure Interaction
Adnane Brahma, University of Science and Technology Houari-Boumediene, Algeria

18:20-18:40

VIRTUAL PRESENTATION

Video

- Title:* Recycling of Ultra-High Performance Concrete
Christian Paglia, University of Applied Sciences of Southern Switzerland, Switzerland

End of the Conference



UPCOMING CONFERENCE

2nd International Conference on

Civil and Structural Engineering

May 29-31, 2025 | Amsterdam, Netherlands