

Pre-Conference workshop (2nd July 2025)

Session 1: LHC CR003

Conceptual Design of Bridges: Experiences and Challenges			
Time	Topic	Speaker	Venue (LHC)
9:00-10:00	Registration		
10:00-11:00	Some thoughts of Conceptual design of bridges	Prof. Balthasar Novak	CR 003
11:00-11:30	High Tea		
11:30-12:30	Safety concept and actions on bridges according to the Eurocodes	Prof. Balthasar Novak	
12:30-14:00	Lunch		
14:00-15:00	Special aspects for the serviceability and robustness of concrete bridges	Prof. Balthasar Novak	
15:00-15:30	High Tea		
15:30-16:30	Reassessment of existing bridges	Prof. Balthasar Novak	

Session 2: LHC CR004

From Sustainable Materials to Sustainable Structures			
Time	Topic	Speakers	Venue (LHC)
9:00-10:00	Registration		
10:00-11:00	Connecting the material characteristics to the structural performance of 3D-printed structures	Prof. KVL Subramaniam	CR 004
11:00-11:30	High Tea		
11:30-12:30	Sustainable and bio-inspired nanocomposites: application in construction and repair industries	Prof. Shihabudheen M. Maliyekkal	
12:30-14:00	Lunch		
14:00-15:00	UHPC development in the US from material to infrastructure application	Prof. Narayanan Neithalath	
15:00-15:30	High Tea		
15:30-16:30	Effect of temperature on fire performance of materials and structures	Prof. Venkatesh Kodur	