

*fib*UK: Developments in Structural Concrete conference 2025

Retrofitting, strengthening and repairing

Thursday 20 November 2025, 10:00 – 17:00 GMT
Online and at Institution HQ, London

9:30	Registration
10:00	Welcome & introduction <i>Chris Hendy, AtkinsRéalis</i>
10:10	Keynote: Use of 2nd Generation Eurocodes for Assessment and Retrofitting of existing concrete structures <i>Dr Jon Shave, WSP</i>
10:45	Morning break
Session 1: Research	
11:05	Ensuring ductility in FRP strengthened concrete structures <i>Prof. Antony Darby, University of Bath</i>
11:30	Defining a suite of structural adaption options for existing structures <i>Emily Bowyer, University of Bath</i>
11:55	Testing for structural reuse <i>Dr Dan Bompa, University of Surrey</i>
12:20	Lunch and networking
Session 2: Bulletins	
13:20	Structural assessment of existing RC structures and bridges: fib bulletin 111 and beyond <i>Mehdi Kashani, University of Southampton</i>
13:55	An overview on the externally bonded to the surface (EBR) or near-surface mounted in the concrete (NSM) strengthening techniques with CFRP composites <i>Prof. José Manuel Sena Cruz, University of Minho</i>
14:30	Afternoon break

Session 3: Case studies

- 14:50 **Redbridge Causeway Presentation – Pen Portraits**
Kevin Drain, Homayoon Sadeghi Pouya and Steve Salter, AtkinsRéalis
- 15:25 **M25 Junction 3 Swanley Interchange – CFRP strengthening**
Dr. Chandan Gowda, AtkinsRéalis
- 16:00 **Existing RC framed structures: advanced assessment and strengthening techniques**
Jan Anil, Buro Happold
- 16:35 **Closing remarks and close**
Chris Hendy, AtkinsRéalis

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