

## Young engineers conference 2024

### Pathways to positive change

Friday 19 July 2024 | 09:30 – 17:00 Irish standard time

09:30	<b>Registration &amp; networking</b>		
10:00	<b>Introduction and welcome</b> <i>Aideen Buckley, Graduate Structural Engineer, Mott MacDonald</i> <i>Jamie Graham, Civil Infrastructure Engineer, Design ID</i>		
<b>Session 1: Resilience in structural engineering</b>			
10:10	Case study presentations from industry leaders showcase how engineers can design adaptable structures capable of withstanding long-term changes in use and environment. Includes a Q&A  <i>Prof. Jamie Goggins, Director, Construct Innovate &amp; Professor, University of Galway</i> <i>Other speakers to be announced</i>		
11:10	Refreshments & networking		
<b>Session 2: Achieving resilience through materials specification - panel discussion</b>			
11:30	Expert manufacturers of concrete, steel and timber engage in conversation to provide a non-biased view of the ecological impact caused by the sourcing of these materials and explore the cutting-edge innovations that can help minimise the environmental footprint.  <i>Conor Hayes, Head of Sustainability, Irish Concrete Federation</i> <i>Shane Lally, Senior Structural Engineer, Kiernan Structural Steel</i> <i>Other speakers to be announced</i>		
12:30	Lunch & networking		
<b>Session 3: Understanding structural behaviour - workshop &amp; Routes to membership</b>			
13:30	Breakout session 1		
	<b>In-person group A</b>	<b>In-person group B</b>	<b>Online group</b>
	<b>Understanding structural behaviour – interactive workshop</b>  An interactive workshop to encourage critical assessment of buildings by identifying general and	<b>Routes to membership</b>  Exploring the recent changes to the exams, PRI, and the Associate grade of membership, giving guidance on the various routes to professional membership.  <i>Michael Lewis, Examination &amp; PRI Manager, IStructE</i>	

specific design issues through the application of expected structural behaviour.

*Nuala Hayes, Assistant Lecturer School of Transport & Civil Engineering, Technological University Dublin*

14.35 Breakout session 2

### In-person group A

#### Routes to membership

Exploring the recent changes to the exams, PRI, and the Associate grade of membership, giving guidance on the various routes to professional membership.

*Michael Lewis, Examination & PRI Manager, IStructE*

### In-person group B

#### Understanding structural behaviour – interactive workshop

An interactive workshop to encourage critical assessment of buildings by identifying general and specific design issues through the application of expected structural behaviour.

*Nuala Hayes, Assistant Lecturer School of Transport & Civil Engineering, Technological University Dublin*

### Online audience

15:35 Afternoon break

## Session 4: Inclusive design for structural engineers - concept discussion

15:55 A brief introduction of the concept of inclusive design leads to an open-forum moderated discussion uncovering how engineers can play a crucial role in creating inclusive, welcoming, and equitable buildings and spaces.

*Stephen Smalley, Regional Director, Design ID*

*Lisa Smyth, Architect Leader, Arup (Ireland)*

16:50 Closing remarks

17:00 Conference ends; Networking drinks

