

Young engineers conference 2024

Pathways to positive change

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

09:30	Registration & networking		
10:00	Introduction and welcome <i>Aideen Buckley, Graduate Structural Engineer, Mott MacDonald</i> <i>Jamie Graham, Civil Infrastructure Engineer, Design ID</i>		
Session 1: Resilience in structural engineering			
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 & Professor, University of Galway</i> <i>Other speakers to be announced</i>		
11:10	Refreshments & networking		
Session 2: Achieving resilience through materials specification - panel discussion			
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		
Session 3: Understanding structural behaviour - workshop & Routes to membership			
13:30	Breakout session 1		
	In-person group A	In-person group B	Online group
	Understanding structural behaviour – interactive workshop An interactive workshop to encourage critical assessment of buildings by identifying general and	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. <i>Michael Lewis, Examination & 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	In-person group B	Online audience
<p>Routes to membership</p> <p>Exploring the recent changes to the exams, PRI, and the Associate grade of membership, giving guidance on the various routes to professional membership.</p> <p><i>Michael Lewis, Examination & PRI Manager, IStructE</i></p>	<p>Understanding structural behaviour – interactive workshop</p> <p>An interactive workshop to encourage critical assessment of buildings by identifying general and specific design issues through the application of expected structural behaviour.</p> <p><i>Nuala Hayes, Assistant Lecturer School of Transport & Civil Engineering, Technological University Dublin</i></p>	

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

