



STRUCTURES IN FIRE FORUM

Structures in Fire Forum – 10th April 2026

THE DIAMOND,
32 LEAVYGREAVE RD,
BROOMHALL,
SHEFFIELD
S3 7RD

Supporters of StIFF



Time	Title and Speaker (20 mins presentations + 10 mins Q&A)
10 – 10.30	COFFEE
	<p>“Fire Resistance Tests and Analysis of Plasterboard-Encased Steel Columns under Standard Conditions”. --- Octavian Lahu, BRE</p> <p>Fire testing method for passive fire protection exposed to natural fire curves”. --- Clifford Chinaya & Arnoud Breunese, Efectis France & Etex Group (respectively)</p> <p>“Data centre prescriptive temperature approach”. --- Lee Kenneth Taylor, Akzo Nobel UK Ltd</p>
12 – 1pm	LUNCH
	<p>“The wind effect on the disproportionate collapse of an open-sided steel-concrete composite floor car park in travelling fires” - -- Morvarid Koohkhezri, University of Liverpool</p> <p>“Heat transfer in concrete-filled steel tubes”. --- Rwayda Al Hamd, The University of Manchester</p> <p>“Concrete in Fire: Thermo-Hygro-Mechanical Coupling, Pore Pressure Build-Up, and Material Degradation.” --- Giacomo Torelli, The University of Sheffield</p>
2.30-3pm	COFFEE
	<p>“An applied methodology for the inclusion of travelling fires in the fire safety design process of a building”. --- Jorge Cisneros, Stantec UK</p> <p>“Travelling or Parametric fire curves? A data-driven model for building fire risk assessment in performance-based design”. Qingfeng Xu, University of Manchester</p> <p>“Why Eurocode parametric fire design framework cannot maintain target reliability through cooling- A first principles analysis”. Ankit Agrawal, Jacobs</p>
4.30/5.00	CLOSE

Structures in Fire Forum – rules of engagement

- Not recording
 - Slides will (with permission) be put up online after the meeting
- “Chatham House” Rules
 - Open and robust discussions wanted
 - Report back to your colleagues the general ideas discussed, but not specifically who said what.
- Introduce yourself (name/company etc.) when asking questions.
 - Try to keep them as concise as possible
- Timings are approx. - if discussions are flowing well on a topic - we won't arbitrarily cut it off.

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NEXT Forum

- 1st October 2026, IStructE HQ, London
- Mailing list – scan QR code
- <https://forms.office.com/e/1HzKdfrBP1>

