

**EVENING LECTURE SPONSORED BY
THE IRISH NATIONAL GROUP OF IABSE**

DIT Bolton Street - Michael O'Donnell Room (259)
Thursday, 1st December 2011 @ 7.00 p.m.



Sustainable Fire Engineering IS THE FUTURE !

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The aim of **Sustainable Fire Engineering** is to realize a safe and sustainable built environment.

Responding ethically, in built and/or wrought form, to the still evolving concept of sustainable human and social development ... a principal objective of **Sustainable Fire Engineering**, therefore, is to **design** for maximum credible fire and user scenarios ... in order to maintain a proper and satisfactory level of fire safety and protection over the full life cycle of, for example, a building ... and for a **Sustainable Building**, that life cycle is 100 years minimum.

Sustainable Fire Engineering must, therefore, be 'reliability-based' & 'person-centred'.

This presentation will examine the authentic language and meaning of **sustainability** ... and will then track how this impacts on the professional practice of fire engineering. Special mention will be made of 'Fire-Induced Progressive Collapse'.

IABSE (Ireland) working in collaboration with:



FireOx International - a division of Sustainable Design International Ltd.

*The Institution
of Structural
Engineers*
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