

ENGINEERING VICTORY: STRUCTURAL ADVANCES DURING WORLD WARS I & II

Speaker

Allan Mann, IStructE Gold Medal winner 2011



Allan's original paper was published in 'The Structural Engineer' to coincide with the 70th anniversary of VE Day. It recognises the contribution made by structural engineers to the war effort during the periods of conflict between 1914 and 1945. Notable achievements that will be discussed will include:

- The award of a VC to future IStructE President Sir Arnold Waters;
- The effect of blast damage, as observed in the Spanish Civil War;
- Design of air raid shelters, transportable prefabricated bridges and buildings;
- Contributions to aircraft design;
- The design, construction and delivery of floating Mulberry harbours;
- Barnes Wallis's ideas on how to destroy impenetrable concrete defences; and
- How the engineering experience gained in times of war could be applied to the problems of reconstruction during peacetime.

Register for free

<https://engineeringvictory.eventbrite.ie>

6.30pm Tuesday 15th November 2016

DIT Bolton Street, Dublin
