

Announcement: Award-winning paper in 2009

Papers published in *Construction Materials* are eligible for awards from the Institution of Civil Engineers. Papers from any of the ICE journals can be nominated for several awards. In addition, each journal has awards dedicated to their specific subject area.

On Friday 8 October 2010, ICE president Paul Jowitt presented an award to the following paper published in *Construction Materials* in 2009. The editorial panel nominated their best papers and an awards committee chaired by Barry Clark allocated the awards.

The Howard Medal was awarded to: Moy SSJ, Clarke HWJ and Bright SR (2009) The engineering properties of Victorian structural wrought iron. *Proceedings of the Institution of Civil Engineers, Construction Materials* **162**(1): 1–10, doi: 10.1680/coma.2009.162.1.1.

Abstract

This paper presents results, which are of general interest and relevance to the structural engineering community, from a comprehensive investigation of the mechanical properties of the wrought iron from a bridge in mid-Wales, together with data from tests over the last 125 years on wrought iron from various locations. The paper discusses the variability of wrought iron in terms of material from a single source and from different sources throughout the UK. It is shown that wrought iron is a very variable material and that assessment of wrought-iron structures needs to take account of that variability and the condition of the wrought iron. The results reported were obtained as part of a research project into the strengthening of wrought-iron structures using carbon-fibre-reinforced polymer composites.



Photo caption: ICE president Paul Jowitt presents the Howard Medal to the winners.