

FLEMING AWARD 2014

Wednesday 10th December at 6.30pm

at the

INSTITUTION OF CIVIL ENGINEERS, TELFORD THEATRE
ONE GREAT GEORGE ST, WESTMINSTER LONDON SW1P 3AA

Finalists:

Project	Teams
Barcelona High Speed Railway Tunnel: Protecting World Heritage Buildings	Profs Alberto Ledesma and Gonzalo Ramos (UPC-BarcelonaTech), Dr Miguel González (Intecsa-Inarsa), Mr Enrique Alonso (Sacyr), Mr José Cabrera (Sener) and Mr. Felipe Mendaña (SPICC)
Queensferry Crossing – A Collaborative Approach to Marine Foundation Construction	Paul Mellon (Transport Scotland Glasgow UK), Alistair Chisholm (Arup Edinburgh UK) and Stephen West (JV Ramboll Southampton UK)
Victoria Station Upgrade - Northern Tunnels	Craig Prangle (Taylor Woodrow BAM Nuttall), Peter Ruty (Mott MacDonald), Bob Thompson (Keller) and Glen Keelan (London Underground Ltd)

After the presentations, while the judges consider their verdict, a short keynote lecture will be given by:

TIM CHAPMAN, ARUP

ON

EXPLAINING GEOTECHNICAL RISKS TO CLIENTS

(synopsis and biography overleaf)

Cementation Skanska will host drinks and nibbles after the winner has been announced

All are welcome

Forthcoming meetings:

13 th January 2015	John Mitchell Award Lecture (6.30 pm at ICE)
11 th February 2015	BGA Evening Meeting (6.00 pm at ICE)
18 th March 2015	Rankine Lecture and Dinner (at Imperial College)

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while the judges deliberate

Synopsis

Tim's talk describes the motivations of developers of large buildings and hence the arguments to which they are most receptive to better understand geotechnical risks and the need for better ground investigation. The talk is the product of a quarter of a century of working with major developers and refining the explanations of geotechnics and foundation design that they most appreciate. Tim will give simple statistics that prove categorically the benefits to major developers of better ground investigation. The talk is also well illustrated by quotes and collected wisdom from across the ages. For those who want to know more about the issues presented, some of the supporting data and ideas are given in Chapter 7 of the ICE Manual of Geotechnical Engineering.

Biography

A civil/geotechnical engineer by original training, Tim is the Director in charge of Arup's infrastructure design group in London as well as leading their geotechnical practice in the UK, Middle East and Africa. He is particularly interested in whole system engineering of large infrastructure schemes that achieve complete solutions which are more useful to society - better, more buildable, lower carbon.

