

FLEMING AWARD 2018

Thursday 6th December at 6.30pm

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

Finalists:

Project	Teams
A77 Cairnryan Slip Remediation - south-west Scotland, connecting Stranraer and parts of western Dumfries & Galloway with Glasgow & the Central Belt.	WSP UK Limited, Scotland Transerv, Raynesway, Transport Scotland
Claridge's, a 5 star Basement for a 5 star Hotel – Mayfair, London W1	McGee Group Ltd, Arup & RKD Consultant Ltd
Gardenstown Landslide Stabilisation - Gardenstown, near Banff, Aberdeenshire	Aberdeenshire Council, Atkins, BAM Ritchies

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

Yvonne Ainsworth, JRL Civil Engineering

on

Pay peanuts, get monkeys
(synopsis and biography overleaf)

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

All are welcome

Forthcoming meetings:

Wednesday 23rd January 2019

John Mitchell Award Lecture (6.30 pm at ICE): Clif Kettle Ground Treatment - 40 years from Black Art to Fully Engineered Solution

Wednesday 6th February 2019

Joint BGA Evening Meeting with EGGS (6.00 pm at Burlington House): speaker and topic to be advised)

Tuesday 19th February 2019

Lecture by BGA Skempton Medal Winner (6.30 pm at ICE): David Hartwell on Water and Tunnelling - Lessons from 40 years of Interesting Problems

Tuesday 5th March 2019

50th Cooling Prize Competition and Celebration

Wednesday 20th March 2019

Rankine Lecture and Dinner (at Imperial College): Dr George Gazetas
of the National Technical University of Athens, Greece.

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Summary:

Disaster is a dramatic word, but its meaning is not lost on those examining or evaluating risk within the construction industry. The sector's drive to drive down costs, yet deliver ever better value for money, presents something of a paradox; all civil engineers are faced with having to achieve this, but at the same time without increasing risk.

In a post-Brexit environment, contracting geotechnical engineers are being pushed ever further towards accepting more and more risk in order to secure a contract. This pressure is not solitary impacting as it comes together an increasing desire to achieve a work-life-balance and stagnating salary levels, which collectively mean that many intermediate-to senior-level engineers are leaving the industry in rapid numbers. The consequences of this can be severe

and means the construction industry is heading close to a strategic tipping point beyond which there is no return. This short presentation looks at these issues, their root causes and proposes what we, as an industry, can do to avoid disaster.



Biography:



Yvonne started her engineering life in 1995 in Aachen, Germany where she qualified as a civil and structural engineer specialising in Geotechnics, Water and Wastewater Management, Highway Design and Tunnelling. She started work in 2001 in the UK as a consultant with Atkins and insisted on a site placement resulting in nine months working at Westfield Shopping Centre. However, she decided she belonged in the contractor's world and remained working for Cementation which allowed her more time on site, and she progressed to Section Manager before taking up a role as Design Team Leader.

After a short career break travelling through India, Nepal, South East Asia and Australia, she joined the newly formed BAUER subsidiary in the UK where she progressed from Project Manager to Construction and Technical Director. During this time she was involved in extremely challenging projects and took part in the Fleming Award 2011 with the construction of the D-shaped pile.

In 2016, Yvonne set up her own business, ATD Engineering. Since then, she has worked on other interesting projects such as London City Airport, Thames Tideway and Gothenburg Central Station. She now works as General Manager for JRL Civil Engineering. Within the industry, she is known as a strong leader with a passion for the practical application of geotechnical engineering and her attention to detail.

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