

50TH COOLING PRIZE COMPETITION FINAL

Tuesday 5th March at 6.30 pm

Tea & coffee available at 18:00
at

Institution of Civil Engineers, One Great George Street, London, Westminster, SW1P 3AA

The Cooling Prize Competition will comprise:

A short presentation on the history of the Competition,
presented by **Dr Christine Cooling**

This will be followed by the presentations by the Finalists:

Candidate	Topic
Saleh Jalbi (Robert Bird & Partners / University of Surrey)	Practical methods to predict the dynamic performance of offshore wind turbines considering foundation-structure interaction
Jay Lobwein (Jacobs / Imperial College London)	Investigating the salinity impact on ground subsidence in Jakarta
Harry Postill (Loughborough University)	Clay cut slope deterioration, climate change and maintenance

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

HOWARD ROSCOE (WINNER OF THE FIRST COOLING PRIZE)
on
HS1 Ashford Tunnels - A Retrospective

There will then be a gathering of former Cooling Prize Winners for a commemorative photo with Dr Cooling

After the event drinks reception and light supper sponsored by



Member of the SNC-Lavalin Group



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on

HS1 Ashford Tunnels - A Retrospective

Synopsis



The HS1 Ashford Tunnels were completed in 2003. Wall behaviour and prop loads were monitored for construction control and to make savings by the use of an observational method. The methodology, principal observations and application to the design of the structures are given in a series of published papers.

This talk will outline the approaches used to design and construct the 14 cut and cover structures that comprise the HS1 Ashford Tunnels and will summarise some of the main findings. It will include previously unpublished detail of the back analysis made on one of the first structures to be constructed. It will discuss the influence on current practice of the experience gained at Ashford and of the performance data reported from that site

Book online: <http://www.ice.org.uk/events/50th-cooling-prize-competition-london>

Watch online: <https://bit.ly/2SaJaSR>

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