



BRITISH TUNNELLING SOCIETY

Forthcoming Meetings

Date	Title	Speakers
10-Dec-09 Note 2nd Thursday and not 3rd of month	<p>Debate by BTS Young Members Group – Tunnelling into the Future</p> <p>This house believes that the UK tunnelling industry has the sufficient range of engineering expertise and resources to meet the challenges of future projects.</p> <p>Abstract:- The future of our tunnelling industry is uncertain. The discontinuous nature of landmark tunnelling projects has left a generation gap within the industry in both skills & experience. With world class infrastructure projects looming, the ability & reputation of the UK to resource these effectively is fast becoming an issue of national, if not international importance.</p> <p>Each team will comprise a speaker from both ends of the age spectrum to ensure a vigorous & provocative debate. Audience participation is warmly welcomed.</p>	Kate Cooksey - Chair BTS YMG For:- Harnaik Mann – Arup Neville Harrison – Consultant Against:- Jon Banyai – Mott MacDonald John Edwards – Morgan Est
21-Jan-10	<p>Design and Construction of Deep Shafts</p> <p>The presentation will review the current situation with regard to deep shaft construction in the UK and worldwide. It will cover the geological and hydrogeological data requirements for designing deep shaft linings and the methods for their design will be discussed. Construction aspects such as excavation methods, ground stability control and water control methods and lining installation procedures will be described. To illustrate the presentation examples of actual construction projects will be shown.</p>	Alan Auld – Director, Alan Auld Associates
18-Feb-10	<p>Joint Meeting with MinSouth Construction of Road Tunnels in Iceland, Hédinsfjardargöng Project</p> <p>The speakers will present the history and highlight the main problems, which were met during the planning and construction of the Hédinsfjardargöng Project, which includes two road tunnels, 3.6 km and 6.9 km long. The project is located in the North of Iceland and during the construction of this Drill & Blast job the extreme conditions in respect of water inflows had to be dealt with. Experience with extensive chemical pre-grouting in cold and high pressure water will be described. The Project completion is scheduled for September 2010</p>	Ermin Stehlik - Project Director, Metrostav a.s. Prague Hreinn Haraldsson - Director General, Vegagerdin, Iceland (Icelandic Road Administration)
17-Mar-10 Note this is a Wednesday & starts later at 6:30pm	<p>Gotthard Base Tunnel Project - Switzerland, Transco Sedrun</p>	Michael Gutzeit & Hans-Juergen Bartschat - Project Manager - Bilfinger Berger Ingenieurbau GmbH (Civil – Tunnelling Division)

Date	Title	Speakers
15-Apr-10	Harding Lecture	Alistair Biggart
20-May-10	West Ham Flood Alleviation Scheme	Andrew Morgan – Costain
17 June 10	Atlantic Sea Tunnels in Norway Road tunnels and bridges being built along Norway's western sea coast.	Prof. Eivind Grøν - Vice President ITA President Norwegian Tunnelling Society
16 Sept 10	Tunnelling in Seattle - Past, Present and Future How tunnels have been used in Seattle and why they are now starting to push the envelope in American tunnelling. The talk will look in detail at recent projects, particularly Brightwater, and at the planned 58ft diameter bore for the Alaskan Way viaduct replacement tunnel. Brightwater is a \$2 billion new wastewater treatment system, which includes 14 miles of soft-ground bored tunnel. Currently under construction, the tunnels are being bored using 2 EPB and 2 slurry TBMs, and are notable for their long drives and high mining pressures.	Anthony Pooly – Jacobs, PM for Brightwater project
21-Oct-10 All day event	Sir Alan Muir Wood Symposium - replacing the BTS meeting that day.	Helen Natrass + Bill Grose <i>Other speakers to be confirmed.</i>
18-Nov-10		
16-Dec-10		

- Tea and biscuits will be available at 5.30 PM
- Meetings will be held at the ICE unless otherwise stated
- Meetings will start at 6.00 PM & finish at 7.30 PM unless otherwise stated
- A licensed bar will be open after the meeting at the ICE
- A variety of foods will be served in the ICE Brasserie after each meeting
- Advance booking not required

This list may be subject to changes.

Details of each meeting will be sent to members with their monthly copies of T&TI.
Should you have any query please contact the BTS Administrator at the Institution of Civil Engineers,
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