

Seminar on Tunnelling Technologies in Japan and Hong Kong

日時：2010年9月22日（水曜日）9：00～16：50

場所：Hong Kong Convention and Exhibition Centre（香港會議展覽中心）

主催：The Hong Kong Institution of Engineers, Geotechnical Division（香港工学会地盤工学部門）

参加者：約600名

プログラム：

08:45 – 09:00	Registration
09:00 – 09:05	Welcome Remarks Ir Albert HO, Chairman of the Organising Committee
09:05 – 09:15	Opening Address Ir WAI Chi-sing, JP, Permanent Secretary for Development (Works), Development Bureau, HKSARG
Session Chair:	Mr James Rickard, Associate Director of ARUP, Secretary of IMMM, and Member of HKIE Cavern and Tunnelling Working Group
09:15 – 09:40	The Latest Technology of Mountain Tunneling in Japan Dr Hiromichi SHIROMA, Chief Researcher for Tunnel, Road Research Department, Nippon Expressway Research Institute Co Ltd
09:40 – 10:05	The Importance of Controlling Over-Break in Drill and Blast Tunnelling and Suggested Mitigation Methods Mr Tim MAGUB, Principal Blasting Engineer, ARUP
10:05 – 10:35	Coffee Break
10:35 – 11:00	State of Affairs in Japanese Railway Shield Tunnel Dr Shinji YAKITA, Senior Researcher, Tunnel Engineering Group, Railway Technical Research Institute
11:00 – 11:25	The Flexible Utilization of a Slurry TBM in Hong Kong Mr David WESTWOOD, Operations Manager, Leighton Contractors (Asia) Ltd
11:25 – 11:50	Recent Shield Tunneling Technologies in Japan – Longer, Faster, Deeper, Larger and Non-circler Tunneling by TBMs Mr Tadashi HASHIMOTO, Director, Geo-Research Institute
11:50 – 12:05	Discussion
12:05 – 12:20	De-briefing Report: Technical Visit to Japan (17 -22 Jan 2010)
12:20 – 14:00	Lunch Break (not included)
Session Chair:	Ir Dr Richard Pang, Deputy Head of Geotechnical Engineering Office (Planning & Standards), Civil Engineering and Development Department, HKSARG
14:00 – 14:25	On Site Visualization as a New Safety Monitoring Strategy for Construction and Maintenance in Geotechnical Engineering Professor Shinichi AKUTAGAWA, Department of Civil Engineering, Kobe University
14:25 – 14:50	Construction Issues on a Design-Build Tunnel Project and Design Team Partnering Mr Tamotsu NAKAYAMA, Senior Project Manager, Penta-Ocean Construction Co Ltd
14:50 – 15:15	Dismantling of the Existing Overrun Tunnel Mr Emmanuel CLECH, WIL 703 General Construction Manager, Dragages Hong Kong Ltd
15:15 – 15:45	Coffee Break
15:45 – 16:10	Geotechnical and Spatial Challenges of XRL Tunnels Ir Alan MORRIS, Project Manager – XRL Tunnels, MTR Corporation Ltd
16:10 – 16:35	Recent TBM Technology with Non-circular Tunnel Mr Shin WADA, Deputy General Manager, Daiho Corporation
16:35 – 16:50	Discussion



橋本所長の講演



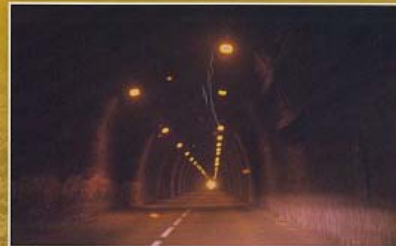
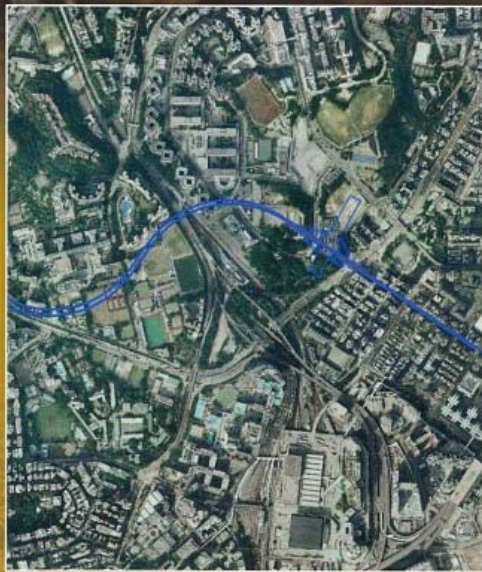
会場風景（参加者は約 600 名）

SEMINAR ON

Tunnelling Technologies in Japan and Hong Kong

**Wednesday, 22 September 2010
Hong Kong**

PROCEEDINGS



Organised by
Geotechnical Division
The Hong Kong Institution of Engineers



Funding Organisation
Commerce and Economic Development Bureau
The Government of the Hong Kong Special
Administrative Region

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