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15th annual

Asia Pacific Rail 2013

co-located with

Smart Rail World
ASIA 2013

TUNNELLING
& Construction World
ASIA 2013

Signalling
& Metro Safety
WORLD ASIA 2013

MAINLINE
DAY 2013

Asia's leading rail industry gathering

12 – 14 March 2013
The Ritz Carlton Kowloon, Hong Kong

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10 reasons to attend



For rail operators, knowing how to develop rail networks to meet future demand and customer expectations is a big challenge. How can the travelling experience be continuously improved? How can rail design and operations be done better? What are the technologies to be adopted?

As railways' commercial life lasts decades, long-term future planning is the key to sustainable performance and profitability.

Asia Pacific Rail 2013 is the platform where C-level railway professionals strategise to build and operate next-generation railways today. Gain firsthand information from your regional rail peers on their long-term expansion and upgrade plans, so you too can implement these in your organisation.

- 1** Benchmark your rail network with the world's leading operators and learn how to improve on your KPIs
- 2** Achieve continuous improvements in your operational efficiency, safety and efficiency
- 3** Optimise project management through effective tunnel design and construction strategies
- 4** Implement sustainable and cost effective innovations in building your underground metro rail structures
- 5** Deploy advanced signalling solutions in greenfield and brownfield environments
- 6** Apply the right criteria in procuring rolling stock systems
- 7** Optimise energy utilisation through green innovations and design
- 8** Improve rail asset performance and commercial life by creating a robust asset management model
- 9** Find out how to develop an integrated multimodal freight network to drive network efficiency and capacity
- 10** Explore new partnership opportunities and increase your points of presence in Asia



View the conference website on your phone

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speakers 2013

"It was an excellent occasion to share and exchange ideas, experiences and technology application knowledge, for operators, suppliers, and other railway professionals"

Jacob Kam | Operations Director | MTR Corporation, Hong Kong

Tunnelling and Construction



Simon Tang
Project Manager, XRL Tunnels (North)
MTR Corporation, Hong Kong



Alan Myers
Chief Civil Construction Engineer
MTR Corporation, Hong Kong



Chris Dulake
Chief Engineer
Crossrail Ltd, United Kingdom



Marcus Levon Karakashian
Project Director
MRT Co., Malaysia



V. Somasundaram
Chief General Manager – Construction
Chennai Metro Rail Limited, India

Keynote Plenary Session



Jay Herbert Walder
Chief Executive Officer
MTR Corporation, Hong Kong



Lincoln Leong
Deputy Chief Executive Officer
MTR Corporation, Hong Kong



Jacob Kam
Operations Director
MTR Corporation, Hong Kong



Enoch Lam
Deputy Secretary for Development (Works)
Development Bureau, Government of Hong Kong SAR



T.C. Chew
Projects Director
MTR Corporation, Hong Kong



Mohd Nur Ismal Mohamed Kamal
Chief Executive Officer
Land Public Transport Commission (SPAD), Malaysia

Mainline



Sulistyo Wimbo Hardjito
Commercial Director
PT Kereta Api, Indonesia



Sokhom Pheakavanmony
Secretary of State
Ministry of Public Works and Transport, Kingdom of Cambodia



Prapat Chongsanguan
Governor
State Railway of Thailand



Alok Kumar
Joint Director (Safety) – IV
Ministry of Railways, India

Smart Rail



David Leung
Chief of Operations Engineering
MTR Corporation, Hong Kong



Ted Suen
Head of IT
MTR Corporation, Hong Kong



Richard Keefe
General Manager – Rolling Stock Fleet
MTR Corporation, Hong Kong



H.W. Chan
Communications Network and Software Engineering Manager
MTR Corporation Limited, Hong Kong

Key Project Updates



Bambang Susantono
Vice Minister of Transportation
Ministry of Transportation, Indonesia



Rene K. Limcaoco
Undersecretary
Department of Transportation and Communications, Philippines



N. Sivasailam
Managing Director
Bangalore Metro Rail Corporation, India



Elias George
Managing Director
Kochi Metro Rail Limited, India



Yongsit Rojsrikul
Governor
Mass Rapid Transit Authority of Thailand



P.R.K. Murthy
Chief – Transport and Communications Division
Mumbai Metropolitan Region Development Authority, India



N.C. Goel
Chairman and Managing Director
Jaipur Metro Rail Corporation, India



Nguyen Van Quoc
Vice Chairman
The People's Committee of Ho Chi Minh City, Vietnam

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Executive Vice President, Operations Group
Bangkok Metro Public Company Limited, Thailand



Ow Chun Nam
Director, Downtown Line 3
Land Transport Authority, Singapore



Vincent Tan
Senior Vice President, Trains
SMRT Corporation, Singapore

speakers 2013

"Excellent. Full of updated information and experience sharing. It is a can't miss event."

Witoon Hatairatana | Operations Director | Bangkok Metro Public Company Limited, Thailand

O&M and Safety



Vincent Tan
Senior Vice President, Engineering and Projects
SMRT Trains Ltd, Singapore



Alex Chong
Chief Operating Officer, Railway Operation Division
Taiwan High Speed Rail Corporation



Ronald Cheng
General Manager, Technical & Engineering Services
MTR Corporation, Hong Kong



Tony Lee
General Manager - Infrastructure
MTR Corporation, Hong Kong



Nelson Ng
General Manager, Safety and Quality
MTR Corporation, Hong Kong

08:50 Chairperson's opening remarks



Rudy Mazza
Strategic Learning Consultant
Alcatel-Lucent

BUILDING SUSTAINABLE RAILWAYS

09:00 Keynote Address: From great to greater: MTR strategies for growth and service delivery



Jay Herbert Walder
CEO
MTR Corporation, Hong Kong

09:20 Keynote Address: Building accessible, reliable and sustainable rail transport for Hong Kong



Enoch Lam
Deputy Secretary for Development (Works)
Development Bureau, Government of Hong Kong SAR

09:40 Keynote Address: Expanding the MTR rail network: Risk, innovation and talent management



T.C. Chew
Projects Director
MTR Corporation, Hong Kong

10:00 Morning refreshments and exhibition viewing

register now The earlier you book the more you save.
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METROS

11:00 Keynote Address: Investing and operating metro systems in mainland China
Lincoln Leong, Deputy CEO, MTR Corporation

ROLLING STOCK INNOVATION

11:20 Deploying fully automated operations for Asia's metros
Lu Xiwei, GM, CNR Changchun Railway Vehicles Co. Ltd., China

11:40 Rolling Stock Panel: What are the top considerations in the procurement of rolling stock?

Pascal Dupond, Customer Director, Alstom Transport
Guido Vogel, Head of Engineering, Business Unit Asia, Mainline & Metros Division, Bombardier Transportation

Jia Bo, Vice Chief Engineer, CNR Changchun Railway Vehicles Co. Ltd., China

Moderator:

T.C. Chew, Projects Director, MTR Corporation, Hong Kong

12:40 Ensuring reliable and energy efficient rolling stock for optimal operations

Guido Vogel, Head of Engineering, Business Unit Asia, Mainline & Metros Division, Bombardier Transportation

13:00 Networking luncheon and exhibition viewing

PROJECT UPDATES: SOUTHEAST ASIA

14:00 Developing Indonesia's rail network to meet growing passenger and freight demand

Bambang Susantono, Vice Minister of Transportation, Ministry of Transportation, Indonesia

14:20 Overcoming the capacity challenge in Bangkok: What are the new metros being planned?

Yongsit Rojsrikul, Governor, Mass Rapid Transit Authority of Thailand

14:40 Enhancing passenger experience through the deployment of Passenger Information Systems

Billy Chan, Transportation Consultant APAC, System Integration Division – Transportation, Alcatel-Lucent

15:00 Expanding, upgrading and integrating Manila's railways

Rene K. Limcaoco, Undersecretary, Department of Transportation and Communications, Philippines

15:20 Afternoon refreshments and exhibition viewing

15:50 Constructing the Taoyuan International Airport MRT System as the city's first metro

C.C. Chang, President, Taoyuan Rapid Transit Corporation

16:10 Constructing the Ho Chi Minh Metro to improve mobility

Nguyen Van Quoc, Vice Chairman, The People's Committee of Ho Chi Minh City, Vietnam

PROJECT UPDATES: INDIA

16:30 Promoting integrated public transport in Mumbai: Mumbai Metro, Mumbai Monorail and the suburban network

P.R.K. Murthy, Chief – Transport and Communications Division, MMRDA

16:50 Delivering Bangalore Metro Phase 2: Determining project alignments, funding and construction

N. Sivasailam, MD, Bangalore Metro Rail Corporation

17:10 Building the Jaipur Metro as one of the world's fastest project completions

N.C. Goel, Chairman & MD, Jaipur Metro Rail Corporation

17:30 Launching Kochi's first metro

Elias George, MD, Kochi Metro Rail Limited

17:50 Chairperson's closing remarks and end of conference day 1

18:00 Networking cocktail

OR TUNNELLING & CONSTRUCTION WORLD ASIA

PROJECT UPDATES

11:00 Chairperson's opening remarks
John Endicott, Executive Director, Geotechnical, AECOM, Hong Kong

11:10 Keynote Address: Utilising TBM best practices in constructing the XRL underground tunnels
Simon Tang, Project Manager – XRL Tunnels (North), MTR Corporation, Hong Kong

11:40 Mitigating project delivery risks on South Island Line (East)

Mark Cuzner, Project Manager, Civil, South Island Line East, MTR Corporation, Hong Kong

12:10 Utilising geotechnical investigations to ensure efficient tunnel design

Marcus Levon Karakashian, Project Director, MRT Co., Malaysia

12:40 Q & A session

13:00 Networking luncheon and exhibition viewing

PROJECT MANAGEMENT 1

14:00 Planning, design and construction of underground infrastructure in Singapore

Ow Chun Nam, Director, Downtown Line 3, Land Transport Authority, Singapore

14:30 Planning for the construction of underground Metro Line 3 in Mumbai: Challenges and strategies

G.R. Madan, Director, MRTS, Transport and Communications Division, MMRDA

TUNNELLING INNOVATIONS

15:00 3D inspection of tunnel linings and rails when Lidar just isn't good enough: Case study of the Guadarrama TGV tunnel

John Laurent, VP – Business Development & CTO, Pavemetrics Systems

15:30 Afternoon refreshments and exhibition viewing

16:00 Consultants' Panel: Innovating tunnelling: Sustainable and cost efficient techniques for metro rail structures

Guy Bridges, Executive Director, Geotechnical (Tunnels), AECOM, Hong Kong

John Endicott, Executive Director, Geotechnical, AECOM, Hong Kong

Tony Chin, Technical Director – Infrastructure, China, Parsons Brinckerhoff

Teh Hee Seang, Chairman, T.Y. Lin International Pte Ltd, Singapore

Moderator:

Alan Myers, Chief Civil Construction Engineer, MTR Corporation, Hong Kong

17:00 Chairperson's closing remarks and end of Tunnelling and Construction World Asia

18:00 Networking cocktail

ERM conference workshop

Tuesday 12 March 2013



Hosted by:



09:30 Keynote Address: Utilising IT systems to coordinate and improve metro operations



David Leung
Chief of Operations Engineering
MTR Corporation, Hong Kong

10:00 Keynote Address: Deploying railway business software companywide: Delivering increasingly safe and reliable railway services



Ted Suen
Head of IT
MTR Corporation, Hong Kong

10:30 Morning refreshments

11:00 Network Communications Interview: Deploying next-generation communication technologies for the next-generation passenger

Ho-wing Chan, Communications Network & Software Engineering Manager, MTR Corporation, Hong Kong

Interviewer:

Zhang Bin, Solution Architect, Strategic Industry Competence Centre, Alcatel-Lucent Shanghai Bell

11:30 Evaluating ERM solutions for the railway environment: What are the important criteria?



Richard Keefe
GM – Rolling Stock Fleet
MTR Corporation, Hong Kong

12:00 Networking lunch

“Good slate of speakers and good mix of topics.”
Sim Wee Meng | Group Director, Rail (Circle and Downtown Lines) | Land Transport Authority, Singapore

08:50 Chairperson's opening remarks



Michael Hamlyn
Chief Executive Officer
Kusieog Ltd, Thailand

FUTURE-PROOFING RAILWAYS

09:00 Keynote Address: A vision for future metros – challenges for railway systems and operations



Jacob Kam
Operations Director
MTR Corporation, Hong Kong

09:30 CoMET/Nova Benchmarking Report: Utilising benchmarking to improve metro operations



Richard Anderson
MD, Railway & Transport Strategy Centre
Imperial College London

09:50 Morning refreshments and exhibition viewing

SIGNALLING & METRO SAFETY WORLD ASIA

DRIVERLESS TECHNOLOGIES

10:30 Keynote Signalling Panel: Deploying signalling solutions in a greenfield versus brownfield environment
C.L. Leung, Chief E&M Engineer, **MTR Corporation**
Joffrey Lauthier, Head of Sales, APAC, Rail Control Solutions Division, **Bombardier Transportation**

Stéphane Feray Beaumont, Product Group Director, **GE Transportation**

Charles Page, Business Development Director – APAC, **Invensys Rail**

11:30 CBTC as an Intelligent Transportation Systems enabler
Franco Fabbian, Key Accounts Director, Intelligent Control Systems, **GE Transportation**

11:50 Implementing next-generation CBTC for Asia's railways
Charles Page, Business Development Director – APAC, **Invensys Rail**

INTEGRATED TICKETING SYSTEM

12:10 Case Study: Octopus Cards – Maximising ROI on automated fare collection systems
Brian Chambers, MD, **Octopus International Projects**, Hong Kong

12:30 Networking luncheon and exhibition viewing

OPERATIONAL EFFICIENCY AND SAFETY

14:00 Optimising energy efficiency: Overcoming challenges in continuously improving energy utilisation
Ronald Cheng, GM – Technical & Engineering Services, **MTR Corporation**

14:20 O&M Panel: Enhancing service delivery: How to continuously drive improvements in operational safety, reliability and cost effectiveness?

Witoon Hatairatana, Executive VP – Operations Group, **Bangkok Metro Public Company Limited**, Thailand

Jacob Kam, Operations Director, **MTR Corporation**

Nelson Ng, GM – Safety and Quality, **MTR Corporation**

Vincent Tan, Senior VP – Trains, **SMRT Corporation**

Alex Chang, COO – Railway Operation Division, **Taiwan High Speed Rail Corporation**

Moderator:

Richard Anderson, MD, Railway & Transport Strategy Centre, **Imperial College London**

15:30 Afternoon refreshments and exhibition viewing

ASSET MAINTENANCE

16:00 Creating a robust asset management model to improve the performance of rail assets

Tony Lee, GM – Infrastructure, **MTR Corporation**

16:20 Asset Maintenance Panel: Evaluating and adopting IT solutions to maximise the efficiency and effectiveness of rail maintenance management

Richard Keefe, GM – Rolling Stock Fleet, **MTR Corporation**

Tony Lee, GM – Infrastructure, **MTR Corporation**

Moderator:

Michael Hamlyn, CEO, **Kusieog Ltd**, Thailand

17:20 Chairperson's closing remarks and end of Signalling & Metro Safety World Asia

TUNNELLING & CONSTRUCTION WORLD ASIA

PROJECT MANAGEMENT 2

10:30 Chairperson's opening remarks
Mark Wallace, Director, **Ove Arup & Partners Hong Kong Ltd**

10:40 Keynote Address: Delivering optimal project management of the West Kowloon Terminus

Alan Myers, Chief Civil Construction Engineer, **MTR Corporation**, Hong Kong

11:10 Keynote Address: Developing the Crossrail network: Opportunities, challenges and innovations in tunnelling and construction

Chris Dulake, Chief Engineer, **Crossrail Ltd**, UK

11:40 Keynote Address: Constructing Chennai's first metro: Overcoming challenges in tunnelling in populated areas
V. Somasundaram, Chief General Manager, Construction, **Chennai Metro Rail Limited**, India

12:10 Q&A session

12:30 Networking luncheon and exhibition viewing

TUNNEL DESIGN AND SAFETY

13:30 Case Study: Underground mass transport engineering challenges and requirements
Teh Hee Seang, Chairman, **T.Y. Lin International Pte Ltd**, Singapore

Terry Hulme, Advisor, **T.Y. Lin International Pte Ltd**, Singapore

Harald Wagner, Advisor, **T.Y. Lin International Pte. Ltd**, Singapore

14:00 Case Study: Innovative construction methods to ensure safe construction of metro tunnels in an urban environment

Guy Bridges, Executive Director, Geotechnical (Tunnels), **AECOM**, Hong Kong

14:30 Case Study: Overcoming obstructions for new tunnels in old cities: What are the techniques?

Mark Wallace, Director, **Ove Arup & Partners Hong Kong Ltd**

15:00 Case Study: Developing fire and ventilation systems to improve tunnel safety

Steven Lai, Technical Director – Infrastructure, China, **Parsons Brinckerhoff**

15:30 Q&A session

15:40 Chairperson's closing remarks and end of Tunnelling and Construction World Asia

15:50 Afternoon refreshments and exhibition viewing

MAINLINE DAY

KEYNOTE

10:30 Chairperson's opening remarks

10:40 Keynote Address: Connecting Singapore and Kuala Lumpur through high speed rail link

Mohd Nur Ismal Mohamed Kamal, CEO, **Land Public Transport Commission (SPAD)**, Malaysia

11:10 The Global Engineering Team Model – Will it work?
Paul Harland, Engineering Director, **GE Transportation – Intelligent Control Systems ANZ**

NETWORK UPGRADES AND EXPANSION

11:30 Freight Rail Panel: Are enough funds being invested in freight rail infrastructure?

Alok Kumar, Joint Director (Safety) – IV, **Ministry of Railways**, India

Sulistyo Wimbo Hardjito, Commercial Director, **PT Kereta Api**, Indonesia

Moderator:

Paul Clayton, Executive Director, **AECOM**

12:30 Networking luncheon and exhibition viewing

13:30 Modernising Thailand's railways to ensure sustainable economic development

Prapat Chongsanguan, Governor, **State Railway of Thailand**

14:00 Developing Cambodia as a sub-regional transport hub by rehabilitating the old rail network

Sokhom Pheakavanmony, Secretary of State, **Ministry of Public Works and Transport**, Kingdom of Cambodia

14:30 Driving ROI in upgrading and expanding Malaysia's rail network

Hilmi Hassan, GM – Finance, **Keretapi Tanah Melayu Berhad**, Malaysia

15:00 Improving the profitability of Indonesia's railways: What are the strategies to achieve this?

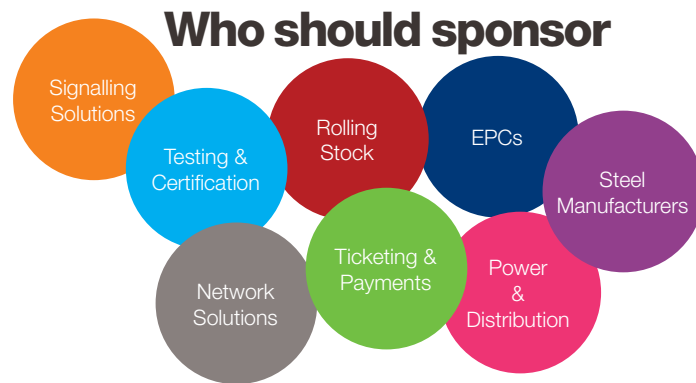
Sulistyo Wimbo Hardjito, Commercial Director, **PT Kereta Api**, Indonesia

15:30 Chairperson's closing remarks and end of Mainline Day

15:40 Afternoon refreshments and exhibition viewing

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Networking activities

Networking Cocktail Reception

Date: 13 March 2013, 6:00 – 7:00 PM

To end the first day of the conference, all attendees are invited to the networking cocktail reception. Join us for a relaxing hour and continue the high-level networking!

MTR Site Visit

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* MTR site visit limited to first 30 registered delegates.

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