

14th annual

Asia Pacific Rail 2012

co-located with



Asia's leading rail industry gathering

13 – 15 March 2012
Shangri-La Hotel Kowloon, Hong Kong

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10 reasons to attend



For rail operators, working out how to balance operational efficiency, safety and bottom-line performance is a big challenge, especially as infrastructure ages and asset performance deteriorates.

In the growing railway industry, benchmarking with other metros is the best strategy to improve on performance and profitability.

Asia Pacific Rail 2012 is the platform where C-level railway professionals strategise to drive profitability whilst ensuring optimal reliability and safety. Gain firsthand information from your regional rail peers on how they are addressing their challenges, 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 Optimise tunnel design and construction strategies to minimise costs and drive on-time project delivery
- 3 Apply the right innovation to optimise resource management, operational and cost efficiency
- 4 Deploy the right energy efficient systems to reduce operational costs
- 5 Implement the best rolling stock and signalling systems that meet metro expansion plans
- 6 Drive asset performance through robust O&M management
- 7 Learn about the latest technologies to improve public transit security
- 8 Build a secure and resilient network through a sound crisis management strategy
- 9 Achieve maximum ROI on your fare collection systems by extending asset life
- 10 Improve your network's financial viability through effective revenue optimisation strategies



View the event website on your phone

Scan this QR pattern with the camera on your smartphone to view Asia Pacific Rail 2012 website.

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speakers 2012

"Good slate of speakers and good mix of topics."

Sim Wee Meng | Group Director, Rail (Circle and Downtown Lines) | Land Transport Authority, Singapore

Operations & Maintenance



Jacob Kam
Operations Director
MTR Corporation,
Hong Kong



Witoon Hatairatana
Operations Director
Bangkok Metro Public
Company Limited,
Thailand



Alex Chang
Chief Operating Officer,
Railway Operations
Taiwan High Speed
Rail Corporation

Metro Projects and New Lines



N. Sivasailam
Managing Director
Bangalore Metro
Rail Corporation
Limited, India



Sanjay Gupta
Executive Chairman
Metrolink Express
for Gandhinagar and
Ahmedabad Limited,
India

Keynote Plenary Session



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



Sim Wee Meng
Group Director, Rail
(Circle and Downtown
Lines)
Land Transport
Authority, Singapore



**Mohd Nur Ismal
Mohamed Kamal**
Chief Executive
Officer
Land Public
Transport
Commission,
Malaysia



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

Signalling



Karl Dodsworth
Project Manager,
Signalling
MTR Corporation,
Hong Kong



Khoo Hean Siang
Executive Vice
President, Trains
SMRT Trains Ltd,
Singapore

Rolling Stock



Jurandir Fernandes
Metropolitan
Transport Secretary
of São Paulo, Brazil



D.D. Pahuja
Director, Rolling
Stock, Signalling and
Electric
Bangalore Metro
Rail Corporation
Limited, India



H.S. Anand
Director, Rolling Stock
Delhi Metro Rail
Corporation, India



Mike Yeoman
Independent Rolling
Stock Consultant
Hong Kong

Tunnelling and Construction



David Sorton
General Manager,
XRL Civil Construction
MTR Corporation,
Hong Kong



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



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



Rachmadi
Director of
Engineering and
Project
PT MRT Jakarta,
Indonesia

Smart Rail



David Leung
Chief of Operations
Engineering
MTR Corporation,
Hong Kong



Anil Kumar
Head of Engineering
and Railway Systems
L&T Metro Rail
Hyderabad Limited,
India



Richard Keefe
General Manager,
Infrastructure
MTR Corporation,
Hong Kong



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



Hemant Garg
Head - IT
Mumbai Metro One
Pvt. Ltd., India



Jong-Hun Park
Director of General
Engineering
Seoul Metropolitan
Rapid Transit
Corporation, Korea

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AECOM, Hong Kong



**Suraphong Laoha-
Unya**
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Operating Officer
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Transit System
Public Company
Limited, Thailand



Witoon Hatairatana
Operations Director
Bangkok Metro
Public Company
Limited, Thailand



Sim Wee Meng
Group Director, Rail
(Circle and Downtown
Lines)
Land Transport
Authority, Singapore



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



Jacob Kam
Operations Director
MTR Corporation,
Hong Kong



Stuart Littlewood
Director
Parsons Brinckerhoff
(Asia) Ltd., Hong
Kong



Khoo Hean Siang
Executive Vice
President, Trains
SMRT Trains Ltd,
Singapore

speakers 2012

"A good place to speak to operators, suppliers and business partners"

Jacob Kam | Operations Director | MTR Corporation Ltd

Rail Revenue and Customer Management



Seung-Pyo Hong
Passenger Marketing
Department Director
KORAIL



**Joubert Fortes Flores
Filho**
Institutional Relations
Director
Metro Rio, Brazil

Mainline



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



Ek Sittivaekin
Chief, Policy Planning
Research and
Development Bureau
State Railway of
Thailand

08:00 Registration

08:35 Organiser's welcome remarks

08:40 Chairperson's opening remarks



Rudolph Mazza
Marketing Director
Alcatel-Lucent, APAC

08:50 **Keynote Address: Driving MTR's ridership and revenues through metro development**



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

09:30 **Keynote Address: Doubling Singapore's rail network by 2020 and delivering a people-centred land transport system**



Sim Wee Meng
Group Director, Rail (Circle and Downtown Lines)
Land Transport Authority, Singapore

TRACK 1: METROS

METRO PROJECTS AND NEW LINES: BEST PRACTICE STRATEGIES

11:30 **Keynote Address: Indonesia's National Railway Master Plan**

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

11:50 **Extending the Skytrain to drive operational efficiency and to serve passenger demands**

Chaisak Srisethanil, Project and Engineering
Department Manager, Bangkok Mass Transit System
Public Company Limited, Thailand

12:10 **India Forum: Detailed tender timelines and key requirements in India's big cities**

N. Sivasailam, Managing Director, Bangalore Metro
Rail Corporation Limited, India

Subrata Gupta, Managing Director, Kolkata Metro
Railway Corporation, India

Sanjay Gupta, Executive Chairman, Metrolink Express
for Gandhinagar and Ahmedabad Limited, India

G.R. Madan, Director, MRTS, Transport and
Communications Division, Mumbai Metropolitan
Region Development Authority, India

13:10 Networking lunch and exhibition viewing

ROLLING STOCK INNOVATION

14:10 **Keynote Address: Building monorails to expand network capacity whilst delivering cost efficiencies**

Jurandir Fernandes, Metropolitan Transport Secretary
of São Paulo, Brazil

10:00 **Facilitating people flow in transit stations using efficient and reliable end-user transportation solutions**



Reino Hyvärinen
Senior Vice President
KONE Corporation

10:20 **Keynote Address: Expanding Malaysia's railway network: What are the key policies and projects to accelerate development?**



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

10:40 **Addressing the impact of rapid changes in information technology on railway signalling and communications**



Olivier Andre
Global Vice President for Transportation
Alcatel-Lucent

11:00 Morning refreshments and exhibition viewing

TRACK 2: TUNNELLING & CONSTRUCTION

11:20 Chairperson's opening remarks

11:30 **Keynote Address: Meeting the increasing challenges of delivering projects on-schedule**

David Sorton, General Manager, XRL Civil
Construction, MTR Corporation, Hong Kong

12:00 **Keynote Address: Achieving optimal alignments – Understanding and overcoming key challenges in planning and feasibility studies of metro alignments**

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

12:30 **Designing and deploying communications for the Gotthard Tunnel, the world's longest railway tunnel**

Rolf Sigrist, Global Leader, Railway Tunnel
Communications Practice, Alcatel-Lucent

13:10 Networking lunch and exhibition viewing

14:00 **Key strategies to ensure efficient construction of Malaysia's first mass rapid transit**

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

14:20 **Optimising and systematising project management for the efficient construction of the Korean High-Speed Railway**

Suk-Jin Hong, General Manager, Korea Rail Network
Authority (KRNA)

14:40 **Design and construction aspects of TBM tunnels**

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

TRACK 1: METROS

14:30 **Monorail Forum: Justifying costs vs. returns in investing in monorails**

Jurandir Fernandes, Metropolitan Transport
Secretary of São Paulo, Brazil

Peter Timan, Senior Specialist, Vehicle System
Engineering, Systems Division, Bombardier
Transportation, Canada

Vishnu Kumar, Director, Monorail, Mumbai
Metropolitan Region Development Authority, India

Interviewer:
Mike Yeoman, Independent Rolling Stock Consultant,
Hong Kong

15:30 Afternoon refreshments and exhibition viewing

16:00 **Economical, sustainable, clean, quiet: Why monorail systems make a great technical solution for cities**

Peter Timan, Senior Specialist, Vehicle System
Engineering, Systems Division, Bombardier
Transportation, Canada

16:20 **Rolling Stock Forum: Evaluating rolling stock technologies to meet metro expansion plans**

D.D. Pahuja, Director, Rolling Stock, Signalling and
Electric, Bangalore Metro Rail Corporation Limited,
India

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

H.S. Anand, Director, Rolling Stock, Delhi Metro Rail
Corporation, India

Mike Yeoman, Independent Rolling Stock Consultant,
Hong Kong

Nguyen Van Quoc, Vice Chairman, The People's
Committee of Ho Chi Minh City, Management
Authority for Urban Railways, Vietnam

Interviewer:
Sim Wee Meng, Group Director, Rail (Circle and
Downtown Lines), Land Transport Authority,
Singapore

ROUNDTABLE DISCUSSIONS

17:20 **1. Rolling stock technology**
H.S. Anand, Director, Rolling Stock, Delhi Metro
Rail Corporation, India

Sim Wee Meng, Group Director, Rail (Circle and
Downtown Lines), Land Transport Authority,
Singapore

2. Signalling systems
Karl Dodsworth, Project Manager, Signalling, MTR
Corporation, Hong Kong

3. Network communications
Billy Chan, Transportation Consultant APA, System
Integration Division, Alcatel-Lucent

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

4. Operations and maintenance
Jacob Kam, Operations Director, MTR
Corporation, Hong Kong

18:00 Chairperson's closing remarks and end of conference day 1

OR TRACK 2: TUNNELLING & CONSTRUCTION

15:00 **Optimising urban tunnelling and underground construction for Jakarta's first MRT project**

Rachmadi, Director of Engineering and Project, PT
MRT Jakarta, Indonesia

15:20 **Utilising new tunnelling technology to develop the Taoyuan Metro**

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

15:40 **Consultants' Forum: Understanding design and construction strategies for metro tunnels**

Guy Bridges, Executive Director, Geotechnical,
AECOM, Hong Kong

Mark Swales, Transportation Director, Mott
MacDonald, Hong Kong

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

16:40 Afternoon refreshments and exhibition viewing

ROUNDTABLE DISCUSSIONS

17:00 **1. Project management**
David Sorton, General Manager, XRL Civil
Construction, MTR Corporation, Hong Kong

Jaray Roongthanee, Chief Engineer, Special
Project and Construction Department, and Project
Director of Red Line Project, State Railway of
Thailand

2. Safety excavation
C.C. Chang, President, Taoyuan Rapid Transit
Corporation, Taiwan

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

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

18:00 Chairperson's closing remarks and end of conference day 1



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AT THE SPEED OF IDEAS™

Day Two

Asia Pacific Rail 2012 - Thursday 15 March 2012

- 08:00 Registration
- 08:45 Organiser's welcome remarks
- 08:50 Chairperson's opening remarks

- 09:00 **Keynote Address: Evaluating and implementing signalling systems in a greenfield and brownfield environment**



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

TRACK 1: METROS

OR

TRACK 2: MAINLINE

SIGNALLING

- 09:40 **Keynote Address: Upgrading SMRT's signalling system to meet future capacity requirements and maximise passenger safety**



Khoo Hean Siang
Executive Vice President, Trains
SMRT Trains Ltd, Singapore

- 10:00 Morning refreshments and exhibition viewing

- 10:30 **Keynote Signalling Forum: Modernising signalling and communications systems to improve operational safety, quality and efficiency**

Joffrey Lauthier, Head of Sales, Asia Pacific, Rail Control Solutions Division, **Bombardier Transportation**

Yog Raj Bhardwaj, Additional Vice President and Head - Signalling, **Delhi Airport Metro Express Pvt. Ltd., India**

Stephane Feray Beaumont, Managing Director, Delta Team, **GE Transportation - Intelligent Control Systems**

Interviewers:

Sim Wee Meng, Group Director, Rail (Circle and Downtown Lines), **Land Transport Authority, Singapore**

Karl Dodsworth, Project Manager, Signalling, **MTR Corporation, Hong Kong**

METRO AND PASSENGER SAFETY

- 11:30 **Safety Forum: Improving public transit security: How can metro operators implement a sound crisis management strategy?**

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

- 12:30 Networking lunch and exhibition viewing

OPERATIONS AND MAINTENANCE

- 13:30 **Afternoon Keynote Address: Driving efficiency in metro operations: Maintaining optimal availability, reliability and performance of assets**



Jacob Kam
Operations Director
MTR Corporation, Hong Kong

- 14:00 **Wireless technologies to improve operations, safety, security and drive revenue**

Alvin Lim, Business Development Manager, Transportation Vertical Market, **Motorola Solutions Asia Pacific**

DEVELOPING ASIA'S RAIL NETWORK

- 09:50 Chairperson's opening remarks

- 10:00 **Keynote Address: South Korea's rail network by 2020**



Samjin Lim
Executive Vice Chairman
The Korea Railway Association

- 10:30 **Implementing a scalable approach to train protection**



Marco Palombi
Product Manager
GE Transportation, Italy

- 11:00 Morning refreshments and exhibition viewing

SOUTH ASIA AND INDOCHINA

- 12:00 **Maximising coal transport capacity through private railways in Sumatra**



Julison Arifin
Railway Advisory
PT Bukit Asam Transpacific Railway, Indonesia

- 12:30 **Accelerating the rehabilitation and development of Cambodia's railways**



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

- 13:00 Networking lunch and exhibition viewing

- 14:00 **Optimising railway connectivity through building, upgrading and expanding beyond Malaysia**



Hilmi Hassan
General Manager, Finance
Keretapi Tanah Melayu Berhad, Malaysia

8:45 AM
SHOPPING CENTER, HELSINKI

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Commuters can't choose how environmentally friendly the things they use in public spaces are. But the people who build equipment such as escalators can. KONE does its best to reduce the carbon footprint of its products and services to make People Flow more eco-efficient. Now with KONE Eco-Packs new and modernized escalators can save even more energy. Savings reach up to 22% (kWh/year) and even more when fitted with additional environmentally friendly special options.

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*) The examples for energy savings are based on a typical commercial escalator installation moving upward. Vertical rise: 4.5 m. Step width: 1000 mm. Speed: 0.5 m/s. Operating time: 14 h / day, 6 days / week, 52 weeks / year. Load profile: 2.5 h – 0%, 10 h – 25%, 1 h – 50%, 0.5 h – 75%, 0 h – 100%. Emission coefficient equal to 391 g CO₂ / kWh based on the Italy electrical energy mix.

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reduction in
kWh/year and
kg CO₂/year

TRACK 1: METROS

OR

TRACK 2: MAINLINE

14:20

O&M Forum: Maximising operational efficiency – How can operators detect and eliminate inefficiencies in operations?

Witoon Hatairatana, Operations Director, **Bangkok Metro Public Company Limited, Thailand**
Boon Cher Har, Managing Director, **KONE, Hong Kong**
Jacob Kam, Operations Director, **MTR Corporation, Hong Kong**
Alex Chang, Chief Operating Officer, Railway Operations, **Taiwan High Speed Rail Corporation**

15:20

Afternoon refreshments and exhibition viewing

INNOVATIONS IN TICKETING SYSTEMS

15:50

Developing KORAIL's self-ticketing system to drive ridership and revenues



Seung-Pyo Hong
Passenger Marketing Department Director
KORAIL

16:10

Ticketing Forum: Maximising ROI on fare collection systems – What are the issues and needs of the transport authority and operator?

Paradon Nitaya, Lead Manager, Operations Revenue Strategies / ARC, **MTR Corporation, Hong Kong**

RAIL REVENUE AND CUSTOMER MANAGEMENT

17:10

Creating a customer-centric rail operation to drive passenger loyalty and metro revenues: Metro Rio case study



Joubert Fortes Flores Filho
Institutional Relations Director
Metro Rio, Brazil

17:30

Rail Revenue Forum: Effective revenue management strategies to improve the financial viability of the metro

R.M. Krishnan, Joint General Manager, Marketing, **Delhi Metro Rail Corporation, India**
Joubert Fortes Flores Filho, Institutional Relations Director, **Metro Rio, Brazil**
Interviewer:
Alok Jain, Regional Director (India), **MVA Asia Ltd., India**

18:00

Chairperson's closing remarks and close of the Asia Pacific Rail conference

14:30

Emerging strategies of State Railway of Thailand: Directions under the new Thai government



Ek Sittivaekin
Chief, Policy Planning Research and Development Bureau
State Railway of Thailand

15:00

Implementing Vietnam's Transport Vision 2020 to improve railway safety and efficiency



Han Nhu Quynh
Director, International Relations Department
Vietnam Railways

15:30

Partnering with private sector to expand railway infrastructure in Pakistan



Shahid Ahmed
General Manager, Manufacturing and Services
Pakistan Railways

16:00

Afternoon refreshments and exhibition viewing

16:30

Closing Forum: Building and expanding a profitable national railway network

Hilmi Hassan, General Manager, Finance, **Keretapi Tanah Melayu Berhad, Malaysia**
Shahid Ahmed, General Manager, Manufacturing and Services, **Pakistan Railways**
Ek Sittivaekin, Chief, Policy Planning Research and Development Bureau, **State Railway of Thailand**
Han Nhu Quynh, Director, International Relations Department, **Vietnam Railways**

17:30

Chairperson's closing remarks and end of Mainline Day

PRE conference workshop

Date: Tuesday 13 March 2012, 2:00 – 6:30pm

Tender opportunities for Namma Metro's expansion

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Summit

Smart Rail World Asia - Tuesday 13 March 2012

8:00 Registration

8:45 Organiser's welcome remarks

8:50 Chairperson's opening remarks

ASSET OPTIMISATION

9:00 **Keynote Address: Utilising information technology to optimise resource management, operational and cost efficiency**



David Leung
Chief of Operations Engineering
MTR Corporation, Hong Kong

9:30 **Keynote CIO Forum: Evaluating IT systems to optimise asset management and boost capacity, safety and operational efficiency**

Anil Kumar, Head of Engineering and Railway Systems,
L&T Metro Rail Hyderabad Limited, India

Richard Keefe, General Manager, Infrastructure, MTR Corporation, Hong Kong

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

10:30 Morning refreshments and exhibition viewing

OPERATIONAL EFFICIENCY

11:00 **Improving maintenance efficiency and asset reliability with IT solutions**



Richard Keefe
General Manager, Infrastructure
MTR Corporation, Hong Kong

11:30 **Creating efficiencies in operations: Establishing a single platform to integrate rail operations and management**



Hemant Garg
Head - IT
Mumbai Metro One Pvt. Ltd., India

12:00 **Developing IT systems to improve Seoul Metro Rapid Transit's O&M management**



Jong-Hun Park
Director of General Engineering
Seoul Metropolitan Rapid Transit Corporation, Korea

12:30 Networking lunch and exhibition viewing

DRIVING ENERGY EFFICIENCY THROUGH GREEN TECHNOLOGIES

14:00 **Case Study: Deploying energy efficient systems to reduce energy consumption and operational costs**



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

14:30 **Case Study: Maximising energy efficiency and reducing your carbon footprint with the latest escalator technology**



Johannes de Jong
Director, Technology
KONE Corporation

15:00 Afternoon refreshments and exhibition viewing

15:30 **Energy Efficiency Forum: Building intelligent, environmentally friendly railways: How can you make metros more sustainable?**

Anil Kumar, Head of Engineering and Railway Systems,
L&T Metro Rail Hyderabad Limited, India

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

16:30 Chairperson's closing remarks and end of Smart Rail World Asia

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Operators' Breakfast Reception

Date: 14 March 2012, 7:30 – 8:30 AM

To RSVP, please contact Sophia Ku at +65 6322 2720 or sophia.ku@terrapinn.com.

Networking Cocktail Reception

Date: 14 March 2012, 6:00 – 7:00 PM

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Bombardier Transportation, a global leader in rail technology, offers the broadest portfolio in the rail industry and delivers innovative products and services that set new standards in sustainable mobility. BOMBARDIER ECO4 technologies – built on the four cornerstones of energy, efficiency, economy and ecology – conserve energy, protect the environment and help to improve total train performance. Bombardier Transportation is headquartered in Berlin, Germany and has a presence in over 60 countries. It has an installed base of over 100,000 vehicles worldwide.

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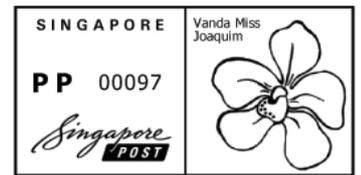
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Standard package

		20 January 2012	24 February 2012	13 March 2012
3 day pass 2 day conference + Smart Rail World Asia + complimentary MTR site visit** (13 – 15 March 2012)	Register before	USD3,145	USD3,745	USD4,395
2 day pass 2 day conference only + complimentary MTR site visit** (14-15 March 2012)	Register before	USD2,245	USD2,845	USD3,495
1 day pass Smart Rail World Asia (13 March 2012)	Register before	USD1,345	USD1,705	USD2,095

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