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### **Hear from**



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



Jacob Kam Deputy Operations Director MTR Corporation, Hong Kong



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



Yen Bang Chien President Kaohsiung Rapid Transit Corporation, Taiwan



N. Sivasailam Managing Director Bangalore Metro Rail Corporation, India



8 – 10 March 2011, Kowloon Shangri-La, Hong Kong

The fast track

# Investment and development opportunities for operators, developers, government and investors

### **Exploring partnership and collaboration opportunities in Asia's fast**growing rail industry?

Establish relationships and do business with the region's most renowned railway authorities and operators

### Keen to learn best practices that deliver measurable ROI?

Apply proven strategies in improving your operations to maximise productivity, safety and farebox revenues

### Looking to refocus your rail business strategies?

Gain in-depth insights in smart rail technologies to implement immediately to your business!

### Pre-conference workshop 8 March 2011

Next generation wired and wireless telecommunications technology – make every journey on-time, safe and connected

### MTR Site Visit 8 March 2011

>> All the details page 4

Mainline day 10 March 2011 >> All the details page 12 Speaker line up – more detailsPage 3Full conference programmePage 7Networking activitiesPage 13All booking offers and optionsBack page

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1 – 2 September 2011 Beijing, China



Keepin' track

### **Conference Focus:**

- Project opportunities in China
- Developing world-class signalling systems
- Enhancing construction & passenger safety



20 – 21 September 2011 New Delhi, India



### **Conference Focus:**

- India's metro projects and investment opportunities
- Seamless transport connectivity for optimal patronage
- Effective O & M management to drive ROI

# Optimise operational efficiency and safety through smart rail technologies and practices

All rail operators are looking to maximise asset utility and passenger/freight patronage for optimal ROI. Working out the right combination of traffic management, asset performance and reliability is a big challenge – especially as rail infrastructure ages and capacity gets increasingly less than demand.

# How can you overcome these challenges and optimise your operations?

Are your metro, mainline or high speed rail networks operating at their optimal level? The best strategy to accomplish this is to implement smart rail technologies and practices.

At **Asia Pacific Rail 2011**, hear from other rail operators as they share their best practices to maximise their ROI. What are the new innovations that maximise network capacity whilst providing a good passenger experience? What are the best practices to improve platform management and safety? How can you ensure system reliability and on-time efficiency at 100%? Check out the program and see how you can benefit.

### Providing the solutions to your challenges

Endorsed by the Transport and Housing Bureau and MTR Corporation, Asia Pacific Rail 2011 will give you the insights and tools to maximise the benefits of smart rail technologies and practices. This key strategy will make a valuable impact on your business goals. You will be able to optimise your cost management and with improved efficiency, drive your ridership and revenues.

### What will I learn at Asia Pacific Rail 2011?

- Maximise operational efficiency and reliability through information technology systems
- Improve passenger safety through effective platform management
- Enhance productivity, security and customer experience through integrated network communications
- Assess advanced signalling technologies as a flexible and cost effective means to increase network capacity

### Learn from international business leaders

As Asia's premier rail conference, Asia Pacific Rail 2011 attracts participants from the region's bestperforming and reputable railway authorities and operators.

Hear from the leaders of MTR Corporation, Land Transport Authority (Singapore), Syarikat Prasarana Negara Berhad, Delhi Metro Rail Corporation, Taiwan High Speed Rail Corporation and RENFE as they share their strategies in improving operational efficiency and maximizing ROI. You will gain crosstransferable insights and experiences to rejuvenate your rail business, and strengthen your market position in a challenging environment. Call us to reserve your seat today!

## For registration, simply contact Ms Soh Hui San at +65 6322 2770 or email huisan.soh@terrapinn.com



(2)

# 6 REASONS

# Why you can't afford to miss this event

- Establish relationships with over 200 senior-level executives from the leading rail companies
- 2 Get first hand information on rail operators' plans and strategize how you can do business with them
- 3 Learn best practices in improving operational efficiency for immediate implementation
- 4 Evaluate various options of financing your rolling stock and rail infrastructure
- **5** Gain in-depth business insights through one-on-one discussion with the experts in our roundtables
- 6 Apply the right innovation for your business needs through our technology sessions

# About the venue



The award-winning Kowloon Shangri-La, Hong Kong, known for its legendary warm and friendly hospitality, is conveniently situated in the Tsim Sha Tsui East shopping and entertainment district overlooking the world famous Victoria Harbour. All

688 guest rooms and suites of this Kowloon hotel in Hong Kong are amongst the most spacious in town. It offers the ultimate in luxurious comfort and feature a floor-to-ceiling bay window commanding breathtaking harbour views or exciting city vistas.

### The Terrapinn difference

Terrapinn events create exciting places to...

- Interact and grow knowledge
- Meet and make contacts
- Become inspired and reenergised

Use your brain



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## Hear from our A-list of industry leaders



As Director of Operations of the award-winning Delhi Metro, Raj will share on its best practices in signalling and metro safety.

Raj Kumar, Director, Operations, Delhi Metro Rail Corporation, India



speed rail, find out from Richard why this strategy is so imperative in the continued development of the country.

As Australia embraces the new arena of high

Richard Farmer, General Manager, High Speed Rail, Policy & Research Division, Department of Infrastructure and Transport, Australia



Askar opens our Mainline Day with an update on the TransKazakhstaniTrunk Railways and share on the opportunities for increasing freight capacity of the railways.

Askar Mamin, President and Chairman of the Board of Directors, Kazakhstan Temir Zholy



With the renewed focus on building the Trans-Asian Railway, Cambodia is looking to modernize its railways to improve connectivity. Sokhom will illustrate on how the government is driving national and international rail growth.

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



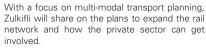
As head of MTR's successful non-farebox business, Jeny will share the company's strategies in growing non-fare revenues to over 50% of total revenues – and how other metros can do the same.

Jeny Yeung, General Manager, Marketing and Station Commercial, MTR Corporation, Hong Kong



As Europe's largest high speed rail network, RENFE's successes include winning over domestic airlines in the same routes. Apolinar will share on RENFE's future plans as it expands outside Spain whilst maintaining operational efficiency.

Apolinar Rodriguez, International Director, RENFE, Spain



Zulkifli Mohd Yusoff, Group Director, Syarikat Prasarana Negara Berhad, Malaysia

At the helm of Taiwan's high speed rail industry, Chin-Der will share THSRC's accomplishments and best practices as it posts its first operational profit after 3.5 years in business.

**Ou Chin-Der,** Chairman and Chief Executive Officer, **Taiwan High Speed Rail Corporation** 



With several rail projects in the pipeline, Vietnam is keen on developing its metro network. Vice Chairman Quoc will share his views on the drivers determining financing models adopted by the emerging market.

Nguyen Van Quoc, Vice Chairman, The People's Committee of Ho Chi Minh City, Management Authority for Urban Railways, Vietnam "A good place to speak to operators, suppliers and business partners"

Jacob Kam, Deputy Operations Director, MTR Corporation Ltd, Hong Kong

"Excellent organization, well attended and topics covered are excellent."

Noormah Mohd Noor, Chief Executive Officer, Express Rail Link, Malaysia

> "It is a good platform to share experiences and best practices."

N.V.S.Reddy, Managing Director, Hyderabad Metro Rail Ltd, India

46% of our 2010 attendees were rail authorities and operators

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## Sponsored by: Alcatel Lucent 🥢

### Next generation wired and wireless telecommunications technology - make every journey on-time, safe and connected

This class will provide a high level overview of the strategic role of telecommunications in rail operations, rail and passenger security and passenger experience. The participants will gain a strong understanding of the trends and opportunities delivered by next generation of wired and wireless telecommunications technology including LTE and IP MPLS. The class will demonstrate how to plan a safe and cost effective migration to this future proof and flexible technology.

### Workshop Agenda

- The role to telecommunications in rail today
- Challenges & opportunities - Issues of obsolescence
- Trends in next generation wired and wireless telecommunications
- LTE and IP MPLS
- Migration strategies toward a single, multi-purpose IP core backbone network
- Integration of existing services and new services into the network
- Benefits delivered from the migration
- Questions and close

### Masterclass leaders

**Bob Herritty** Global Vice President of Transportation Alcatel-Lucent



# Phil Harley

Senior Engineer for Rail Communications and Wireless Systems Alcatel-Lucent



### **OwenLaw**

Senior Engineer for Packet Networks Alcatel-Lucent

Registration for the workshop starts at 8:30am. The workshop will commence at 9:00am and end at 12:30pm with a networking lunch. Morning refreshments will be served



The world-renowned Hong Kong MTR is the leading benchmark for the industry, operating at top-level efficiency, expanding sustainably and garnering a majority of public transport mode share. Join us for a site visit to MTR in this unique opportunity to view its rail + property model at work and construction work at the new Express Rail Link connecting to China.

### Site Visit Agenda

#### 14:30 MTR operations briefing

MTR Tsing Yi Operations Control Centre Tsing Yi OCC is one of the four integrated traffic control centres in MTR, responsible for traffic and train control on different lines. Find out MTR's best practices in achieving 99.9% train punctuality and reliability, and how you can apply them for your own metro.

#### 15:15 Kowloon Southern Link MTR Austin Station

Opened in 2008, the Kowloon Southern Link (KSL) is a 3.8 km line linking the existing East Rail Line's East Tsim Sha Tsui Station with the West Rail Line's Nam Cheong Station, connecting these two lines at the southern end. Learn about the construction and tunnelling strategies utilised in building in this highly congested and historical section of Hong Kong.

#### Integration of Railway and Property Development 15:50 MTR Kowloon Station

Located on reclaimed land in West Kowloon, this comprehensive commercial and residential development has become a new urban centre for Hong Kong. The 13.54 hectare site at Kowloon Station includes a world class 118-storey office/ hotel tower with entertainment venues, open spaces and residential and retail locations. Learn how MTR has optimised the rail + property model to drive its revenues.

#### **Express Rail Link Project** 17:00

MTR Express Rail Link West Kowloon Station site Currently under construction and set to be completed in 2015, the Guangzhou-Shenzhen-Hong Kong Express Rail Link is part of the strategic national express rail network that connects Hong Kong to the major cities in the mainland. View the construction works and take a glimpse the future of high speed rail in Hong Kong and China.

The site visit is limited to the first 20 two-day pass holders. Registration starts at 2:00pm. The tour will commence at 2:30pm and will end at 5:30pm.

Networking cocktail reception

For registration, simply contact Ms Soh Hui San at +65 6322 2770 or email huisan.soh@terrapinn.com

# Social networking activities

### Rail operators' breakfast get-together

Sponsored by ALSTOM

### Date: 9th March 2011 Time: 7:30am - 8:30am Venue: Shangri-La Hotel, Kowloon

EURAILmag

Asia Pacific Rail 2011 kicks off with an exclusive breakfast reception for railway authorities and operators. To RSVP, please contact Sophia Ku at +65 6322 2720 or email: sophia.ku@terrapinn.com

mpressions

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Date: 9th March 2011 Time: 6.30pm to 7.30pm Venue: Grand Ballroom (Exhibition Area)

> International Marketing Partner:



### Look who attended in 2010

- Abdul Ali Al-Ajmi
- ACS Solutions
- AFG Power Solutions
- Alcatel-Lucent
- Alstom Transport
- Amadeus Pacific
- AMR Asia
- Amsted Bail
- Ansaldo STS
- Balaji Railroad Systems
- Bangkok Mass Transit System
- Bangkok Metro Networks
- Bangkok Metro
- Bangkok Metropolitan •
- Administration Bangkok Smartcard System
- Beijing Infrastructure Investment
- Bitzer (South East Asia) Sdn. Bhd.
- Bombardier Transportation
- Caterpillar Asia
- Concord Electrical
- Cubic Transportation Systems
- Dalian Modern Rail Transi
- Department of Transport
- Dextra Manufacturing
- DUHAMEL
- DVA Deutsche-Verkehrs-Assekuranz-Vermittlungs GmbH
- Eastern & Oriental Express
- Elastimold (I) Pvt Ltd
- **FSRI**
- Faiveley Transport Australia
- Falcon Link
- French Embassy In Thailand
- GF Transportation
- General Electric International
- Giesecke & Devrient Asia Pacific
- Guangdong Guangfo Inter-City • Metro
- Hanoi Metropolitan Rail Transport Project Board
- Hyderabad Metro Rail
- IMG Consulting
- Indonesian Railways
- Lanco Infratech
- Land Transport Authority
- Leighton Asia Limited
- Magnetic Control Systems Mass Rapid Transit Authority of • Thailand
- Ministry of Transport
- Mitsui & Co. (Thailand)
- Motorola Electronics
- MTR Corporation (Shenzhen)
- I imited

Nokia Siemens Networks Office of Transport and Traffic Policy and Planning

Railway Technical Research

Serco Integrated Transport Shenzhen Metro Group

Singapore Technologies

Scomi International

Siemens Limited

Electronics

Thales

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SMRT Trains State Railway of Thailand

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5

- National Economic and Development Authority, Republic of the Philippines
- Nexans Singapore

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### Day One Wednesday, 9 March 2011

### 8:00 Registration

8:50

8:45 Organiser's welcome remarks

Chairperson's opening remarks Rudy Mazza, Marketing Director, Alcatel-Lucent, APAC

### Advancing Asia's transport agenda

### Expanding Hong Kong's railways: Key projects and timelines for the city's mega-projects

- Examining major projects and timelines for Hong Kong's rail industry
- Progress report on high speed rail development: Future plans in connecting Hong Kong to the major cities in China
- What are the investment needs and the partnership opportunities for foreign and private companies?
   Eva Cheng, Secretary, Transport and Housing Bureau,

Hong Kong (Invited)

# 9:20 Capitalising on key investment opportunities in Hong Kong's rail expansion

- Accelerating the implementation of the major projects, upgrades and expansions: What are the opportunities and challenges?
- Working with partners on engineering, construction and new rolling stock requirements
- What are the financing strategies for new projects?
- T.C. Chew, Projects Director, MTR Corporation, Hong Kong

### Land Transport Masterplan: Maximising rail development to increase connectivity in Singapore

- Raising the public transport modal share by doubling the rail network in the next 10-15 years
- Coordinating transport and land development planning for optimal utility and inter-modality
- What are the key performance indicators to ensure optimal performance of rail operations and customer satisfaction? **Sim Wee Meng,** Group Director, Rail (Circle and Downtown

### Lines), Land Transport Authority, Singapore

### 0 Keynote Speakers' Interactive Session

In this session, the keynote speakers will be onstage to field questions from the floor.

- What are the benefits of benchmarking performance with other metros?
- What are the initiatives being undertaken to make your railways more sustainable?
- How do you maximise your asset's efficiency?

### Moderator:

# Rudy Mazza, Marketing Director, Alcatel-Lucent, APAC Panelists:

**Eva Cheng,** Secretary, **Transport and Housing Bureau, Hong Kong** (Invited)

T.C. Chew, Projects Director, MTR Corporation, Hong Kong Sim Wee Meng, Group Director, Rail (Circle and Downtown

Lines), Land Transport Authority, Singapore

**10:40** Morning refreshments and exhibition viewing

### **11:10** Optimising operational efficiency and safety through

- advanced wheel detection and axle counting solutions
   Utilising innovative inductive sensor technologies to enhance safety of railway operations: Improving detection and diagnostic systems for all rail applications
- Advanced wheel detection as the foundation for long term reliability and performance: Learning from case studies
- Driving product innovations to meet the enhanced safety and reliability demands of a rapidly expanding railway industry
   David Townsend, Managing Director, Frauscher Sensor

Technology (Beijing) Co Ltd., China

### 11:40 Reserved for Alstom

# 12:10 Building an integrated rail network in Malaysia for improved urban connectivity

- Promoting multi-modal transport planning: Managing and expanding the bus, LRT and monorail system
- Constructing the two LRT extensions and a new line in Klang Valley: Detailed timeline of tenders

 How are new projects being financed? Are there policies in place to encourage private sector investors?
 Zulkifli Mohd Yusoff, Group Director, Infrastructure Division,
 Syarikat Prasarana Negara Berhad, Malaysia

Ехр	loring financing options in Asia's rail projects
12:30	Advancing sustainable business models in rail projects: MTR
	Corporation case study
CASE	<ul> <li>What are the business and financing models used in Hong Kong?</li> </ul>
3	• What are the key issues and considerations in adopting the
~	<ul><li>right business model?</li><li>What are MTR's growth projects outside of Hong Kong?</li></ul>
	How are they structured and financed? What are the risk
	mitigations to ensure sustainability? Herbert Hui, General Manager, Corporate Finance, MTR
	Corporation, Hong Kong
12:50	Networking lunch
13:40	Financing Panel:Building a viable financing framework for
	future mega-infrastructure projects
PANEL	• Examining investors' appetite in the rail transport sector: Are they interested to join public-private partnerships?
SC	• Accessing development and agency financing: What are the
S	<ul><li>policies on the agenda for metro project funding?</li><li>When should rolling stock be financed outside a BOT project?</li></ul>
Z	What is the impact of aid financing to procurement?
	Moderator: Howard Rosen, Principal, Howard Rosen Solicitors, Switzerland,
	and Chairman, Rail Working Group
	Panelists:
	Herbert Hui, General Manager, Corporate Finance, MTR Corporation, Hong Kong
	Nguyen Van Quoc, Vice Chairman, The People's Committee
	of Ho Chi Minh City, Management Authority for Urban Railways, Vietnam
	Federico Bortoli, Chief Executive Officer, Roma Metropolitane,
	Italy
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10:20

9:50

# 1



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## Day One (cont'd)

### Panelists:

Guido Vogel, Senior Director, Business Development and Engineering, Bombardier Transportation

Tony Lee, Rolling Stock Fleet Manager, MTR Corporation, Hong Kong

Surjit Madan, Vice President, Rolling Stock, Mumbai Metro One Pvt. Ltd., India

#### 16:10 Afternoon refreshments and exhibition viewing

#### Transit system technologies to meet the capacity challenge 16:40 for Asia's growing cities

- Capitalising on the rising trend of mass transit: New
- directions from monorails through to heavy metros
- Improving network capacity while balancing the requirements of reliability and safety
- Maximising availability, capacity and life-cycle costs in rail systems through latest innovations
- Implementing solutions to optimise energy usage and reduce the environmental footprint

David Allen, Vice President Asia Pacific, Systems Division, **Bombardier Transportation** 

### Maximising business productivity and operational excellence - Part 1: Operations

### Signalling Panel: Optimising operational efficiency through state-of-the-art signalling and safety

- How can driverless technologies optimise capacity and improve operational flexibility?
- Justification for a re-signalling overhaul to reduce headways:
- What are the key drivers? What justifies the investment cost? Evaluating signalling and control cables: What are the
- considerations to maximise safety and efficiency? Moderator:

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

### Panelists:

Niu Yingming, Professor of Beijing Jiaotong University, Member of Technical Committee in Beijing National Engineering Research Center of Rail Transportation Operation and Control System Ltd., Chief Expert, Beijing Transportation Control Technology Ltd., China

Joe Bastone, Business Development Director, Rail Control Solutions, Bombardier Transportation

### Raj Kumar, Director, Operations, Delhi Metro Rail Corporation, India

Franco Fabbian, Regional Business Leader for ICS Europe, Middle East, Africa, GE Transportation

Philip Wong, Train Services Engineering Manager, MTR Corporation, Hong Kong

### 17:50 Metro Safety Panel: Developing effective metro safety management programs: Learning from best practices from around the world

- How safe is safe? How can metro stations be made less vulnerable to attacks?
- Anticipating and planning for emergencies and demonstrations: How can commuters be engaged effectively?
- Utilizing available resources effectively: What are the proven security technologies? How should staff be mobilized? Panelists:

Raj Kumar, Director, Operations, Delhi Metro Rail Corporation, India

George Lee, General Manager - Safety & Quality, MTR **Corporation, Hong Kong** 

Surjit Madan, Vice President, Rolling Stock, Mumbai Metro One Pvt. Ltd., India

18:30 Chairman's closing speech and end of conference day one

# Day Two Thursday, 10 March 2011

#### 8:00 Registration

8.40 Chairperson's opening remarks

### Capitalising on opportunities in the world's largest and fastest-growing rail market: China

### 8:45 Building Hong Kong's high speed rail link to China for greater connectivity

- Progress report on the Express Rail Link: What are the key phases and timelines for the completion of the line?
- Integrating high speed rail with the metro network: The Hong Kong experience
- What are the key measures to ensure financial viability of the project? What are the expected returns?
- T.C. Chew, Projects Director, MTR Corporation, Hong Kong

### **China Panel: Accelerating China's metro transport** development: What are the key lessons learned and future plans in building its world-class metro network?

9.15

- Driving growth in the Chinese metro landscape: Identifying project and development opportunities in the next decade What are the key factors necessary to establish a first-rate and
- profitable metro system? What are the important lessons and best practices that other countries can learn from? How can operators strike a balance between optimising
- service efficiency and maintaining passenger safety?
- Are signalling systems well positioned to cope with capacity challenges due to the exponential growth in passenger numbers?

### **Moderator:**

Sun Ning, Deputy General Manager, Engineering Consulting Co., Ltd., and Research Professor, China Academy of Railway Sciences, China

### Panellists:

Niu Yingming, Professor of Beijing Jiaotong University, Member of Technical Committee in Beijing National Engineering Research Center of Rail Transportation Operation and Control System Ltd., Chief Expert, Beijing Transportation Control Technology Ltd., China

Lam Soi Hoi, Technical Consultant, Transportation Infrastructure Office (GIT), The Government of Macau S.A.R.

### 10:00 Applying China's innovative automatic train control technology to optimise metro operations

- Implementing the new signalling technology to improve efficiency, reliability and safety of train operations
- What were the results of the demonstration project? Where will the new system be applied?
- Identifying new applications for future use: What are the plans of further developing the technology?

Niu Yingming, Professor of Beijing Jiaotong University, Member of Technical Committee in Beijing National Engineering Research Center of Rail Transportation Operation and Control System Ltd., Chief Expert, Beijing Transportation Control Technology Ltd., China

Morning refreshments and exhibition viewing 10:20

### 10:50 Railway and urban rail E&M systems to improve sustainability in China

- Present situation and planning of railway and urban rail development
- Development trends in modern railway and urban rail industry Development trends in rail mechanical-electrical system equipment technology

Sun Ning, Deputy General Manager, Engineering Consulting Co., Ltd., and Research Professor, China Academy of Railway Sciences, China

### 11:10 Building the Macau Light Rail for sustainable city growth and progress

- Developing the LRT system as the core public transit system in Macau: What are the opportunities and challenges? What are the key timelines and project tenders?
- Delivering rapid, convenient and green LRT services for the city: What are the initiatives to be implemented for a sustainable network?

### Day Two (cont'd)

Integrating with the regional rail network to improve convenience and drive ridership

Lam Soi Hoi, Technical Consultant, Transportation Infrastructure Office (GIT), The Government of Macau S.A.R.

### Maximising business productivity and operational excellence - Part 2: Maintenance

### Maintaining optimal availability, reliability and performance of 11:30 your assets through renewable energy solutions for metros

- Benefiting from combination architecture for critical power applications: Migrating to secure renewable energy solutions for optimal power availability
- Maximising asset performance whilst cutting costs: Implementing value management in metro maintenance
- Optimising total cost of ownership: How do you maintain low • life cycle costs for your assets?

Sebastian Oertel, Global Head of Business Development, Transportation and Wind, AEG Power Solutions, Germany

#### 12:00 Delivering a world-class Namma Metro: Utilising best practices to optimise project management and operational efficiency

- Integrated project management through comprehensive planning and preparation
- Optimising performance, safety and ridership in operating a new metro: What has been the experience at Namma Metro?
- What are the accomplishments to date and what are the areas for improvement?
- N. Sivasailam, Managing Director, Bangalore Metro Rail Corporation, India

#### 12:30 Networking lunch

- Maximising safety, reliability and efficiency through testing 13.30 for railway certification
  - Driving operational efficiency and quality management through state of the art conformity testing of ERTMS/ETCS products
  - Assessing safety regulation compliance in generic products and in their applications: How effective are your current practices and how can they be improved?
  - How improved maintenance practices can maximise asset utilisation and drive down costs

Berardino Vittorini, Project Manager of Control-Command and Signalling Products and Systems, RINA, Italy

### Asset Maintenance Panel: Improving productivity and 14:00 extending asset life through asset maintenance

- In-house maintenance or outsourcing maintenance which is more productive and cost efficient? How do you manage the risks?
- Reviewing maintenance contracts and choosing the right third party provider: Evaluating in terms of price, quality of management and efficiency
- For younger metros, how can they increase their productivity and competitiveness while the infrastructure is new?

### Panelist:

Tony Lee, Rolling Stock Fleet Manager, MTR Corporation, Hong Kong

### Learning from the achievements of MTR Corporation in the non-fare business space

- What are the latest innovations and best practices in the nonfare business?
- Bringing the non-farebox revenue share to over 50% of total revenues - What are the opportunities in further growing non-fare revenues?
- What are the challenges that are hindering other metros from achieving such growth? How can they be overcome?

Jeny Yeung, General Manager, Marketing and Station Commercial, MTR Corporation, Hong Kong

### TOD Panel: Developing transit-oriented cities to maximise rail transport patronage and non-farebox business

- How can Asia's emerging cities learn from Hong Kong and Singapore to promote metro stations as central lifestyle hubs? What should planning authorities take into consideration?
- Maximising non-fare business in the train and station environment to complement external real estate developments

What are the benefits of building sustainable, mixed-use developments for the metro operator? Panelists:

Sebastian Oertel, Global Head of Business Development, Transportation and Wind, AEG Power Solutions, Germany

Steve Yiu, Head of Town Planning, MTR Corporation, Hong Kong

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

15:40 Afternoon refreshments and exhibition viewing

### **Optimising farebox revenue protection through** advanced ticketing systems

### 16:10 Exploring new technologies for public transport ticketing to drive ridership and revenues

- Developing scheme-based payments to improve user convenience and patronage: What are the partnership and revenue opportunities for transport operators?
- Capitalising on the widespread use of mobile phones through NFC technology: Will NFC become ubiquitous in fare payments?
- What can operators learn from the results of technology field trials? How will these new technologies benefit them in terms of fare optimisation and user experience?

Bob Deiter, Director, Business Development - Australia and Asia-Pacific, Cubic Transportation Systems, Australia

### 16:30 Ticketing Panel: Developing advanced and integrated ticketing systems to streamline costs and increase commuter patronage

- Timelines and future plans for ticketing: Are there plans to upgrade to new contactless systems? What are the key drivers and criteria to choosing your ticketing system?
- Advancing the role of mobile phones in ticketing: Is NFC the future?
- What are the future applications and payment modes to increase its utility and security? Pre-paid vs. post-paid; convergence with ID, access and lifestyle features

### Moderator:

Bob Deiter, Director, Business Development - Australia and Asia-Pacific, Cubic Transportation Systems, Australia

### Panelists:

Paul Chan, Revenue Services - ARC Engineering Manager, MTR **Corporation, Hong Kong** 

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

Silvester Prakasam, Director, Fare Systems, Land Transport Authority, Singapore

#### 17:10 **Roundtable Discussions**



Roundtable discussions promote interactive and Round valuable knowledge exchange between the speakers and audience. Participants are encouraged to share their views and brainstorm on the issues below with their group.

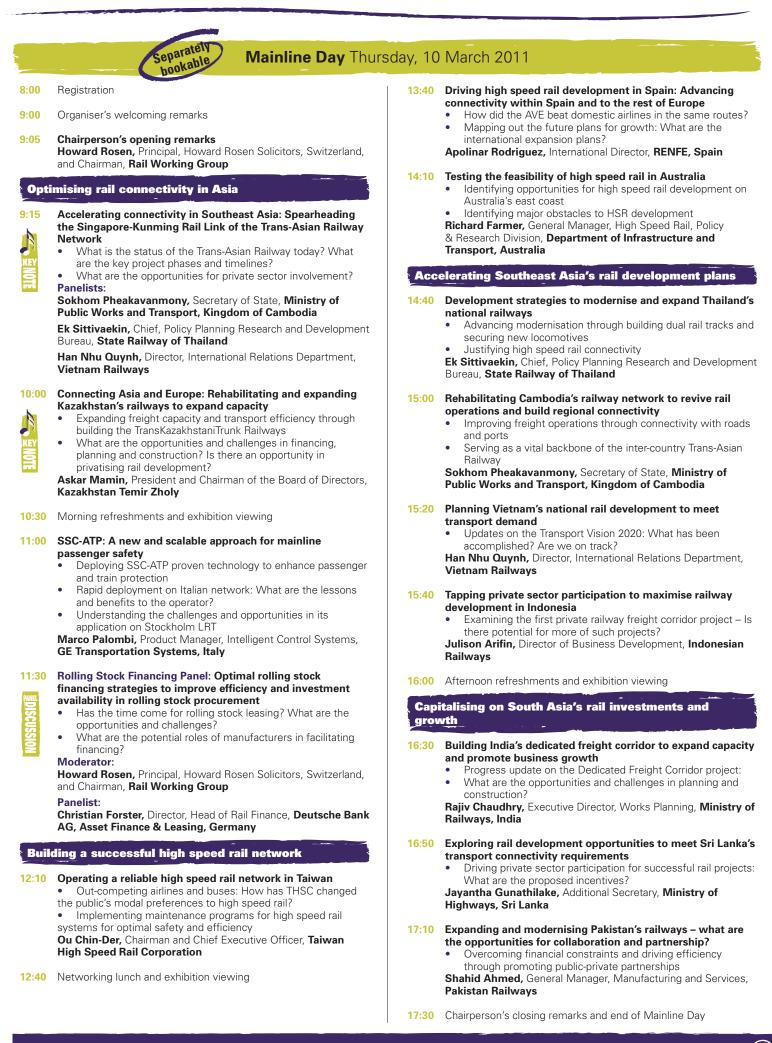
- Effective operations and maintenance management Jacob Kam, Deputy Operations Director, MTR Corporation, Hong Kong
- Design construction and tunnelling safety
- Enhancing customer experience, station development and TOD strategies Jeny Yeung, General Manager, Marketing and Station Commercial, MTR Corporation, Hong Kong
- Integrated smart card ticketing Silvester Prakasam, Director, Fare Systems, Land Transport Authority, Singapore

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

18.00 Chairman's closing speech and end of conference day two

10





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Payment via visa and mastercard will be converted and charged in SGD at the prevailing in order to comply with the bank's policy.
Card holder's name
Card number
Bank Transfers: Payment by bank transfer must quote the delegate name and reference 151545. Transfers should be made to Standard Chartered Bank, 6 Battery Road, Singapore 049909. Account name: Terrapinn Pte Ltd, Account No. 01-741-0231-3



The fast track

### Biz Reg No: 198902388R

### How to book your ticket

### Online

It's quicker and easier to book and pay online go to www.terrapinn.com/asiarail and click on register now

### Offline

Complete this form and fax it back to +65 6223 3554 or call +65 6322 2770 and we'll take your booking over the phone.

### Group bookings

Why not send your team and save more. Send 3 delegates and save 10% Send 6 delegates and save 20% Call +65 6322 2770 or go online and register www.terrapinn.com/asiarail

### **Privacy policy**

Terrapinn (or its agents) may contact you by mail, phone or email about products and services offered by Terrapinn and its group companies, which Terrapinn believes may be of interest to you, or about relevant products and services offered by reputable third parties. Terrapinn may also disclose your contact details to such third parties to enable them to contact you directly. Certain entities to which Terrapinn discloses your contact details are located in territories overseas which have fewer legal safeguards to protect personal data. By returning this form to us, you agree to our processing of your personal information in this way. Please tick the appropriate box if you do not wish to receive such information from: □ the Terrapinn group; □ or reputable third parties.

### **Cancellation policy**

- 1. Should you be unable to attend, a substitute delegate is welcome at no extra charge;
- Terrapinn does not provide refunds for cancellations. Invoiced sums are payable in full, except in cases where Terrapinn has been able to mitigate loss;
- Terrapinn will make available course documentation to a delegate who is unable to attend and who has paid;
- Terrapinn reserves the right to alter the programme without notice including the substitution, alteration or cancellation of speakers and / or topics and / or the alteration of the dates of the event;
- Terrapinn is not responsible for any loss or damage as a result of a substitution, alternation, postponement or cancellation of an event

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