



CELEBRATING 20 YEARS

AsiaPacificRail 2018



Innovation, technology &
strategy for Asia Pacific's
rail industry

DATES

20-21
March 2018

VENUE

Hong Kong Convention &
Exhibition Centre

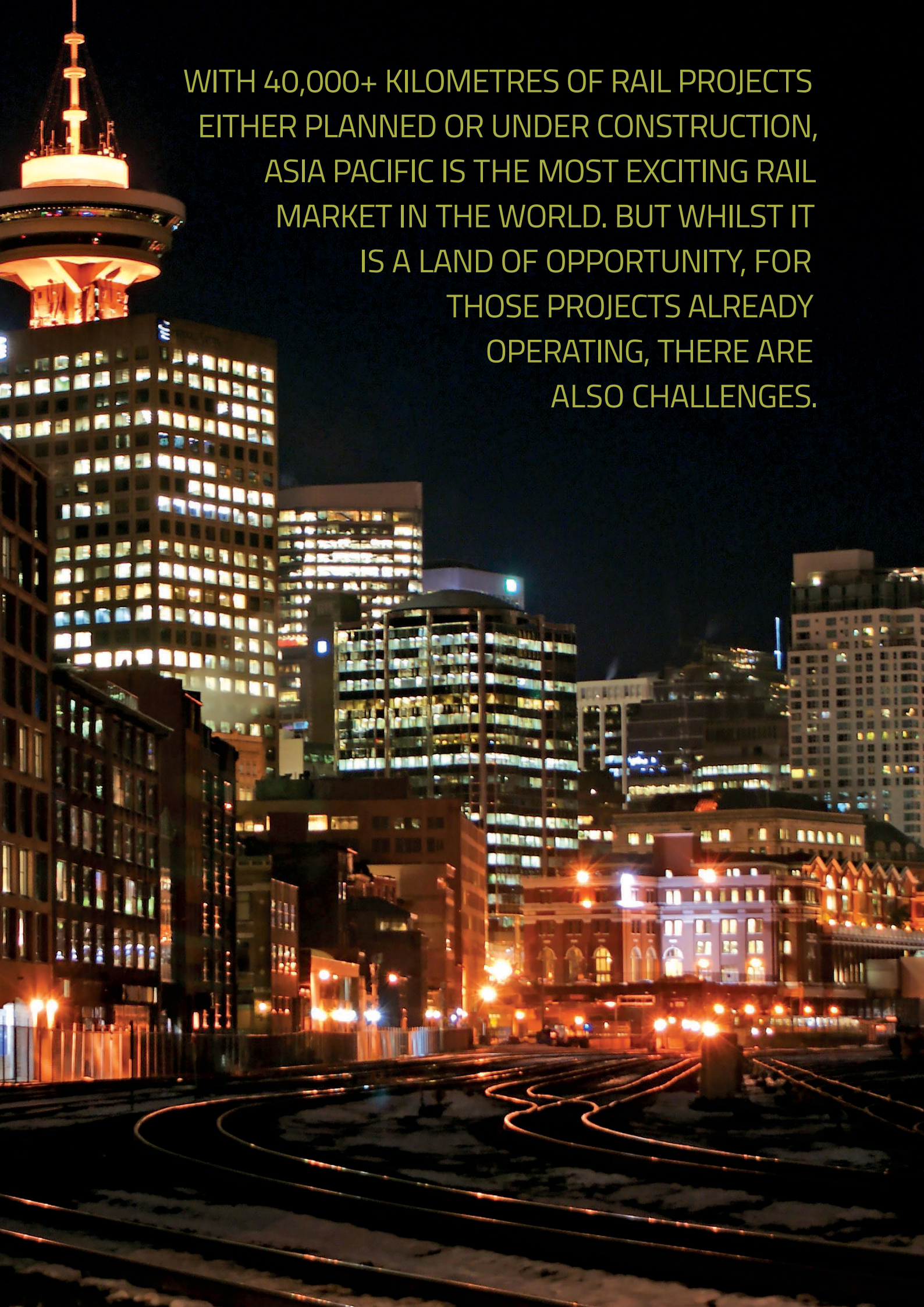
2000+ Attendees | 130+ Speakers | 70+ Exhibitors | 8 Tracks



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SPARK SOMETHING
TERRAPINN 



WITH 40,000+ KILOMETRES OF RAIL PROJECTS
EITHER PLANNED OR UNDER CONSTRUCTION,
ASIA PACIFIC IS THE MOST EXCITING RAIL
MARKET IN THE WORLD. BUT WHILST IT
IS A LAND OF OPPORTUNITY, FOR
THOSE PROJECTS ALREADY
OPERATING, THERE ARE
ALSO CHALLENGES.

Our Story

With 40,000+ kilometres of rail projects either planned or under construction, **Asia Pacific is the most exciting rail market in the world**. But whilst it is a land of opportunity, for those projects already operating, there are also challenges.

New technology integration continues to play a vital role in ensuring efficient operation management. Ageing infrastructure and rolling stock needs to be upgraded or replaced, putting a clearly defined and well-executed asset management strategy firmly on the agenda of all major operators.

Besides that, operators still face tough high-speed construction challenges, tough operational efficiency targets and demanding timelines for new construction projects. So what better way to overcome these challenges and to ensure you're at the top of your game than two days of knowledge sharing and networking with your peers?

WELCOME TO ASIA PACIFIC RAIL, BRINGING ASIA PACIFIC'S RAIL COMMUNITY TOGETHER FOR 20 YEARS.

Over the last 20 years, Asia Pacific Rail has brought together more than 20,000 rail leaders from across the globe for the most exclusive and influential railway gathering in the region. 2017 was our biggest event ever, with 4 premium tracks of content, a busy exhibition and 1,500+ attendees.

For our 20th anniversary edition in 2018, and with continued support from Hong Kong's world-renowned MTR Corporation, we're going even bigger, bringing you **more rail operators, more content, more exhibitors, more networking, and above all, more opportunities for you to do business**.

With 4 tracks of premium content covering metro projects, rolling stock, rail freight, signalling & communications, passenger experience & crisis management, operations & maintenance, asset management, mainline operations & more, the 2018 premium conference offers you more opportunities than ever before to hear from the leading operators, authorities and solution providers in the region.

Visionary keynotes from **MTR Corporation, Public Transport Victoria, Dubai's Rail Agency, Roads & Transport Authority & more** will lay the foundations for two days of intensive learning, discussion and networking. Leading C-Level executives will share case studies from across the world, ensuring you can learn from the best of the best. Once you've heard from them, you can spend time debating with them during the small-group roundtable sessions, allowing you to foster relationships and make new business contacts.

Plus we've got a busy exhibition floor, packed full of networking opportunities, on-floor presentations across 4 seminar theatres, product demonstrations and more.

Whether you're a railway operator, railway authority or a solution provider to the global railway industry, **join us in Hong Kong in March 2018** as we lay the foundations for Asia's rail future.

Strong Buyer Attendance

SINGAPORE



LTA



SMRT



SBS Transit

MALAYSIA



PRASARANA



SPAD



RapidRail



MMC Gamuda



KTMB



MRT CORP



MYHSR

THAILAND



MRTA



BEM



BTSC



SRT



SRTET



MOT

HONG KONG



MTR



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TAIWAN



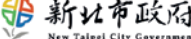
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MRT JAKARTA



Ministry of Transportation
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MAUR

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SEOUL METRO LINE 9
OPERATION

JAPAN



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TOKYO METRO



JAPAN FREIGHT RAILWAY
COMPANY

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SYDNEY TRAINS



TRANSPORT FOR
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MANILA METRO RAIL
TRANSIT SYSTEM (MRT3)



PNR

EUROPE & MIDDLE EAST



DB BAHN



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LONDON
UNDERGROUND



Roads and Transport
Authority Dubai

Opening Keynote Plenary: Rail Leadership					
08:50	Organiser’s Welcome Remarks				08:50
09:00	 Chair’s Opening Remarks Richard Anderson, Managing Director, Railway and Transport Strategy Centre, Imperial College London	 Keynote Interview: Future of railway in Hong Kong and beyond: MTR’s expansion strategy Lincoln Leong, Chief Executive Officer, MTR Corporation	 Keynote Interview: Transforming the public transport network in Melbourne Jeroen Weimar, Chief Executive Officer, Public Transport Victoria	 Keynote Interview: Dubai’s rail transport journey and beyond Abdul Mohsin Ibrahim Younes, Chief Executive Officer, Rail Agency, Roads and Transport Authority	09:00
09:55	Rail Leaders’ Panel  PANELLISTS: Lincoln Leong, Chief Executive Officer, MTR Corporation	 Jeroen Weimar, Chief Executive Officer, Public Transport Victoria	 Abdul Mohsin Ibrahim Younes, Chief Executive Officer, Rail Agency, Roads and Transport Authority	MODERATOR:  Richard Anderson, Managing Director, Railway and Transport Strategy Centre, Imperial College London	09:55
10:30	Title Sponsor Address				10:30
10:50	Exhibition Visit & Networking Refreshments				10:50
	Metro Project Updates	Signalling & Communications	Asset Management & Rolling Stock	Rail Freight	
	Southeast Asia	Latest technologies in Signalling	Innovation in Asset Management	Modernisation of Freight Corridors	
11:30	Malaysia’s Land Public Transport Transformation towards Vision 2020 Yuslizar Daud, Head of Rail Division, Land Public Transport Commission (SPAD)	Urban Rail Transportation Signalling System Reserved for Chinese Rail Operator	Foresighted Asset Management Strategy Dr. Tony Lee, Chief of Operations Engineering, MTR Corporation	Modernisation and expansion of Philippine National Railways Junn Magno, General Manager, Philippines National Railway	11:30
11:50	Singapore’s urban mobility revolution	Fault analysis of CBTC systems Reserved for Chinese Rail Operator	Connected Asset Lifecycle Management for Rail Simon Wrench, Industry Solutions Specialist, ABB	Modernisation of Indonesia’s railways to drive economic development Hermanto Dwiatmoko, Chairman, Indonesian Railway Society (MASKA)	11:50
12:10	Addressing mobility challenges in Asia’s cities: Solutions for new rail developments Senior representative, Bombardier	Confidence assessment on safety case of high speed rail signalling systems Reserved for Chinese Rail Operator	Integrating an asset management plan into an extension project – A case study on extending the 15-year Blue Line metro system Lakthan Thongnopakoon, Assistant Managing Director, Project Management & Development Group, Bangkok Expressway and Metro Public Company Limited	Rehabilitating Cambodia’s railway networks to build regional connectivity Voravuth Mala, Deputy Governor of Property Management Business Cluster, State Railway of Thailand	12:10
12:30	Overcoming capacity challenge in Bangkok: An update on the Mass Transit Master Plan Dr. Somprasong Suttayamully, Director, Fare Media Office, Mass Rapid Transit Authority of Thailand	Managing operational challenges in migration Reserved for Traffic Control Technology			12:30
12:50	Networking Lunch & Exhibition Visit				12:50
	China	Communications	Asset Renewal	Rail Freight Efficiency	
14:00	Lessons learnt from investing and operating in Mainland China Wilson Shao, General Manager – Beijing & Tianjin, China & International Business, MTR Corporation	Wireless networks for passenger rail	Defining transport capability using systems engineering to assure asset integrity Len Neist, Chief Engineer, Public Transport Victoria	Towards sustainable rail freight operations: A case study on BLS Cargo Juergen Maier-Gyomlay, Head of International Affairs and Projects, BLS Cargo AG	14:00
14:20	Expansion of Nanjing Metro to meet increasing passenger numbers Zhu Bin, General Manager, Nanjing Metro Group	Challenges and Solutions for re-signalling a CBTC WLAN Radio Calvin Chuko, Product Manager, MOXA Inc	PANEL: Key considerations in Asset Renewal – Balancing investment, risk and cost MODERATOR: Prof Lee Kang Kuen, Professor of Transportation Practice, Department of Electrical Engineering, Hong Kong Polytechnic University PANELLISTS: Dr. Tony Lee, Chief of Operations Engineering, MTR Corporation C.C Chang, New Taipei City Light Rail System Committee Member; Professor, Department of Transportation & Logistics Management, Chung Hua University Len Neist, Chief Engineer, Public Transport Victoria	Meeting the rising demand of Asia’s freight industry Koji Nishimura, General Manager, Overseas Business Office, Railway Business Headquarters, Japan Freight Railway Company	14:20
14:40	Shanghai Metro’s ambitious expansion plan	More than simple LTE: Next generation communications for your rail projects		Transforming KTMB: Capabilities and experience in managing the modernization of railway infrastructure Ismail Said, General Manager, Project Management, KTMB	14:40
	India	Rail Systems & Communications	Rolling Stock	Rail Freight Leaders Panel	
15:00	Nagpur Metro: Progressing from tracks to trials	Advanced systems integration in major rail projects Liu Chiu Liang, Director of Systemwide E&M Project Office, Department of Rapid Transit Systems, Taipei City Government	Improving performance and cost-effectiveness of rolling stock fleets with condition-based monitoring Richard Keefe, General Manager – Rolling Stock Fleet, MTR Corporation	PANEL: Perspectives into industry dynamics and global emerging trends PANELLISTS: Juergen Maier-Gyomlay, Head of International Affairs and Projects, BLS Cargo AG Koji Nishimura, General Manager, Overseas Business Office, Railway Business Headquarters, Japan Freight Railway Company Voravuth Mala, Deputy Governor of Property Management Business Cluster, State Railway of Thailand MODERATOR: Ian Whitton, Industry Director – Rail, AECOM	15:00
15:20	Improving urban mobility in Gujarat: Construction progress of Ahmedabad Metro (MEGA) Sahadev Singh Rath, Director, Project & Planning, MEGA Co. Ltd Amit Gupta, General Manager, Corporate Planning, MEGA Co. Ltd	TETRA<E MC PTT as alternative to ETCS, PTC, CBTC Signaling applications Felipe Sanjuan, Business Development Director Transportation, Teltronic	Adopting IEC 61375 in IP train communication networks Roland Chan, Rail Architect, MOXA Inc		15:20
15:40	Launching Noida Metro: the fastest metro project built in India	Interface Integration and System Integration Testing	Data Analytics for Train Fleet Reliability Dr. Chia Wee Lee, Deputy Director, Rolling Stock Workshop, SMRT Trains		15:40
16:00	Exhibition Visit & Networking Refreshments				16:00
Closing Keynote Plenary					
16:40 – 17:00	 Driving financially sustainable growth in metro networks Richard Anderson, Managing Director, Railway and Transport Strategy Centre, Imperial College London		 The future is digital, transformation is now Rolf Härdi, CTO, Deutsche Bahn AG		16:40 – 17:00
17:20	Networking Drinks Reception				17:20

Opening Keynote Plenary					
08:50	Organiser's Welcome Remarks				
09:00	 Chair's Opening Remarks Andrew McNaughton, Chief Operating Officer, Systra	 A Rail Transport Perspective of the Guangzhou-HK-Macau Greater Bay Area Development Dr. Jacob Kam, Managing Director – Operations & Mainland Business, MTR Corporation		09:00	
09:30	Keynote Panel: Towards long-term sustainability of railway operations PANELLISTS:  Adi Lau, Operations Director, MTR Corporation  Dr. Prodyut Dutt, Chief Development Officer, Land Public Transport Commission (SPAD)  Stewart Mills, Executive Director – Engineering and Maintenance, Sydney Trains				09:30
10:10	Platinum Sponsor Address				
10:30	Exhibition Visit & Networking Refreshments				
	Operations & Maintenance	Signalling & Communications	Passenger Experience & Crisis Management	Mainline	
	Operational Efficiency	Resignalling Best Practices	Smart Passenger Experience	New High Speed Rail Corridors	
11:30	Enhancing the operational efficiency of Sydney's rail systems Stewart Mills , Executive Director – Engineering and Maintenance, Sydney Trains	Navigating operational risks in resignalling of high-capacity metros Philip Wong , Chief Signal Engineer (Operations), MTR Corporation	Enhancing passenger mobility with big data Dr. Prodyut Dutt , Chief Development Officer, Land Public Transport Commission (SPAD)	Connecting Hong Kong to China's national high speed rail network: An update on Express Rail Link Dr. Philco Wong , Projects Director, MTR Corporation	11:30
11:50	Alstom's latest digital innovation in enhancing operational efficiency Guillaume Denis , Managing Director, Signalling East Asia, Alstom	Signalling Experts Panel: Best Practices in upgrading to CBTC Systems PANELLISTS: Philip Wong , Chief Signal Engineer (Operations), MTR Corporation Alan Atad , Director - Business Development, Thales MODERATOR: CS Chang , Chairman & Director, Key Direction Limited	Delight your passengers – Providing a seamless and contextual mobile experience Jason Wong , CEO Asia, Axonvibe	Thailand's high speed rail ambitions – Connecting Bangkok to Nakhon Ratchasima Dr. Pichet Kunadhamraks , Director, Bureau of Rail System Development Office, Office of Transport and Traffic Policy and Planning, Ministry of Transport Thailand	11:50
12:10	Driving innovation in O&M management: A case study on Taiwan HSR James Shi , Assistant Vice President, Head of Operation Sub-Division, Taiwan High Speed Rail		A rainbow connection - Differentiating Hong Kong's MTR stations with a palette of colours Andrew Mead , Chief Architect, MTR Corporation	Kuala Lumpur-Singapore High Speed Rail: Project Updates Annafi Zulkifli , Director of Corporate Strategy, MyHSR Corporation	12:10
12:30	Networking Lunch & Exhibition Visit				12:30
	Rail Maintenance: Latest technologies & Best practices	Signalling	Emergency Preparedness	High Speed Rail Sustainability	
14:00	Asset Maintenance: In-house or outsourced? Ahmad Nizam Mohamed Amin , Chief Infra Services Officer, Prasarana	Integration and upgrading of Taipei Metro's signalling system Kuo Tsair-Ming , Vice President, Taipei Rapid Transit Corporation	Tokyo Metro's disaster preparedness plan Naoto Kimura , Director, International Relations Department, Corporate Planning Headquarters, Tokyo Metro	Operational & Financial Sustainability of South Korea's High Speed Rail Network	14:00
14:20	Connecting your critical assets with wireless, self-powered sensors; Moving safely and quickly to condition-based maintenance Tony Ward , Sales Manager – AUS/NZ & SE Asia, Perpetuum	Implementation of new signalling technology on Indonesia's railway systems Yanto Yulianto , Head of Signaling, Telecommunication & IT Department, MRT Jakarta	Enforcing high standards of safety through government regulations	Lessons from Taiwan High Speed Railway -- Strategies to promote sustainable growth Sung Hung Kung , Chief of Section, Bureau of High Speed Rail, MOTC	14:20
14:40	Digitalisation of the railways – SMRT's development on future systems Ng Bor Kiat , Chief Technology Officer & Senior Vice President, Future Systems, SMRT Trains	Indian Railways' New Initiatives in Signalling Akhil Agrawal , Director General (Signalling & Telecoms), Indian Railways	Enhancing flooding preparedness: Taipei Metro's experience C.C Chang , New Taipei City Light Rail System Committee Member ; Professor, Department of Transportation & Logistics Management, Chung Hua University	38 Years of HSR with SNCF: Best practices on operational sustainability	14:40
	Best Practices in Operations	Communications Security	Crisis Communication	Intercity	
15:00	Big data methodology for operation and infrastructure design Pierre Messulam , Vice President, SNCF Transilien	Managing and implementing practical information technology security in railway communications system Lim Thiam Siew , Assistant Vice President, SBS Transit DTL	PANEL: Building security resilience and readiness in public transport systems MODERATOR: Alok Jain , Managing Director, Trans-Consult Asia	Modernisation and expansion of Sri Lanka's railways Jayantha Gunathilake , Additional Secretary (Engineering), Ministry of Highways & Higher Education, Sri Lanka	15:00
15:20	Ensuring sustainable railway operations through energy saving practices Kitipat Supakleelakul , Engineering and Maintenance Director, Bangkok Expressway and Metro Public Company Limited	An approach to implementation information security in railway communications systems Randy Sac , Head – Information Management & Technology, Light Rail Manila Corporation		Upgrading Vietnam's intercity networks Ouk Sota , Deputy Director of Railways, Ministry of Public Works and Transport	15:20
15:40	Re-engineering of traction system for rolling stock: The KTMB Experience Kholel Manaf , General Manager, Fleet Maintenance & Engineering, KTMB	Mitigating security challenges of communication based signalling system in metros Nikhil Swami , Executive Engineer (S&T), Kolkata Metro Rail Corporation		Insights into Laos-China Railway	15:40
16:00	Close of Asia Pacific Rail 2018 See you next year!				16:00



"The event is great. It's getting better every year and that's why I keep coming."

DR JACOB KAM, Managing Director – Operations and Mainland Business, **MTR Corporation**

MTR SITE VISIT FOR THE EXPRESS RAIL LINK 19 MARCH 2018

Preliminary Programme

The 26-km long Hong Kong Section of the Guangzhou-Shenzhen-Hong Kong Express Rail Link (XRL) runs from West Kowloon in Kowloon, to the boundary between Hong Kong and Shenzhen in the Mainland. The XRL will connect Hong Kong to the 20,000-km National High-speed Railway Network and will enhance Hong Kong's role as the southern gateway to Mainland China.

Construction of the XRL started in January 2010 with a target completion date of the 3rd quarter of 2018. The full fleet of XRL trains has already arrived in Hong Kong and they are now undergoing dynamic testing.

The XRL will facilitate the social and economic integration of Hong Kong with major cities in Mainland China and it will provide a popular option for business travellers going to major Mainland cities.

A tour and preview of the XRL trains and Operations Control Centre (OCC) has been arranged for delegates of Asia Pacific Rail at the Shek Kong Stabling Sidings (SSS).

13:25 **Meet in the lobby of Renaissance Harbour View Hotel in Wanchai**

13:30 **Shuttle Bus departs from hotel to MTR Kam Tin Building**

14:40 **Welcome Remarks**

Venue: Theatre at MTR Kam Tin Building, 23 Kam Ho Road, Kam Tin, NT

14:45 **Presentation: Progress of the XRL Project**

15:00 **Introduction to SSS**

15:10 Refreshment

15:20 **Travel by Shuttle Bus from Kam Tin Building to SSS**

15:25 **Tour of XRL trains and visit to the new XRL OCC**

Group 1: Tour of XRL Trains → OCC

Group 2: Tour of OCC → XRL Trains

16:25 **Closing Remarks**

16:30 **Shuttle Bus leaves to return to hotel**

17:30 **End of visit**

Limited vacancies available, only reserved for Asia Pacific Rail conference delegates. Contact **Pamela** now on **+65 6322 2318** or **pamela.inocencio@terrapinn.com** to secure your place today.

ON-FLOOR SEMINAR AGENDA DAY 1 **TUESDAY, 20 MARCH 2018**

	Seminar Theatre 1	Seminar Theatre 2	Seminar Theatre 3	Seminar Theatre 4	
	Track Infrastructure	Rail revenue & ticketing	Latest Technologies	Construction, Tunnelling & Project Management	
1100	SBS Transit's best practices in track inspection and maintenance Quek Chin Hock , Assistant Vice-President (Rail Engineering) & Head of Permanent Way & CS Department, SBS Transit DTL	Innovative smart ticketing to improve passenger experience Silvester Prakasam , Senior Advisor, Fare System, Land Transport Authority	Big data analysis for railway application	Mitigating construction challenges in building Jakarta's first LRT line Syahrudin Sofyan , Design, Civil Engineering & Trackwork Manager, LRT Department, Adhi Karya	1100
1130	Railway damper on light rail noise control Wilson Ho , Director, Wilson Acoustics Limited	Why you need a digital data architecture to build a successful public transport system Paul Gwynn , Managing Director, INIT Asia-Pacific Pte Ltd	Design considerations for maintaining the quality of data transmission in Operational Networks Parthiban Narayanan , Sales Director APAC, OTN Systems		1130
1200	Maintenance and renewal of legacy tracks Stanley Wong , Permanent Way Integrity Manager, MTR Corporation	Overview and updates of Thailand's common ticketing system Dr. Padet Praditphet , Director, Common Ticketing Office, Office of the Transport & Traffic Policy & Planning (OTP), Ministry of Transport Thailand	How thermal camera technology can improve safety and efficiency in public transport Koen Soenens , Business Development Director, FLIR ITS	BIM and Asset Management Olivier Bancel , Asset Management VP, Systra	1200
1230	Track maintenance requirements during design, construction phase and before operations	The role of technology in driving a convergent ticketing landscape? Nigel Bonsor , Technical Director, Access-IS	Stations evolving from transportation hubs to lifestyle hubs		1230
1300	New innovations and measures to slow down track degradation Chung Wei-Li , Chief Engineer, Bureau of High Speed Rail, MOTC	Manila's integrated ticketing system Ofelia Astrera , Chief, Technical Training/AFCs Office/IT Section, Manila Metro Rail Transit System (MRT3)	Digital railways – tradition meets modernity	Development of an Artificial Neural Network for Optimization of Tunnel Blasting Design Dr. Lawrence Lee , Senior Construction Engineer, MTR Corporation	1300
1330	Wheel Rail Interface Management Elvis Kozica , International Sales Manager, LINSINGER Austria	Ticketing for Smarter Cities Giacomo Biggiero , Head of Business Development & Partnership – Asia, Masabi	Discovery Protocols for Train Applications: LTDP and TWDP Senior representative, LANTECH		1330
1400	Experience from resleepering & 3rd rail replacement project Roger Lim , Vice-President, Circle Line & BPLRT Operations, SMRT Trains	Technology and operations for AFC systems in MTR Eric Yeung , AFC & SAMS Engineering Manager, MTR Corporation	Evolution of project management tools and why the "value chain" of projects should be connected to the same system Scott Hyman , Senior Vice President, ARES Project Management LLC	120 years of project management & construction lessons Shaun Kenny , President, Asia Pacific, Bechtel	1400
1430	Designing railway tracks for an enhanced life cycle operation	Integrating emerging technologies to address the world's increasing congestion problems Mick Spiers , Vice-President Revenue Collection System Asia Pacific, Thales	TETRA & LTE integrated communications solutions for transportation Josep Joch Sepulveda , Business Development Manager APAC, Teltronic		1430
1500	Track geometry maintenance vehicle system – A case study on Rapid Rail Bukhari Mohamed , Project Director, Rapid Rail	Modernising the fare revenue reconciliation system in the Philippines Carolyn Garduce , Division Manager, AFCs Revenue Reconciliation & Settlement, Light Rail Transit Authority	Ensuring security for rail communications networks	High Speed Rail Station Design as Development Catalyst Andrew Shields , Project Director, Farrells	1500
1530	Designing and engineering of tracks to handle increased traffic and axle loads	Future of ticketing – moving from smart cards to the cloud	Developing cost effective communications technology in railways		1530
1600	New innovations and measures to slow down track degradation	Establishing a common ticketing system in Kuala Lumpur Zakaria Md Tap , Head, Transit Acquirer Division, Land Public Transport Commission (SPAD)	Optimized Rail Energy Recovery by VYCON Venkateshwaran "Venky" Krishnan , Director of Business Development & Special Programs, VYCON	Best practices in effective ground consolidation and tunnelling techniques	1600
1630	Identifying weakness in track system : A case study on LRT Line 1 Jemmar Castillio , Trackworks Engineer, Light Rail Transit Authority	AFC ticketing system deployed in Lucknow Metro Mahesh Savkur , Chief Telecom Expert, Lucknow Metro Rail Corporation	Improving rail operations with leading-edge control systems		1630
1700	End of Day One				1700

For the latest agenda, visit www.terrapinn.com/aprailagenda

Interested to speak alongside these buyers, contact **Kym Chua** on **+65 6322 2702** or email kym.chua@terrapinn.com

ON-FLOOR SEMINAR AGENDA DAY 2 WEDNESDAY, 21 MARCH 2018

	Seminar Theatre 1	Seminar Theatre 2	Seminar Theatre 3	Seminar Theatre 4	
	Track Infrastructure	Rail revenue & ticketing	Latest Technologies	Construction, Tunnelling & Project Management	
1100	Solid-bed track with resilient sleepers Hikaru Tanigawa , Researcher, Track Structures and Geotechnology, Track Technology Division, Railway Technical Research Institute	Octopus’ latest mobile offerings and strategy Andy Yip , General Manager – International Business, Octopus Holdings	Improving railways through human factors	Best practices in designing mixed-use transit hubs Greg Yager , Senior Vice President, CallisonRTKL	1100
1130	Techniques in track health assessment	Improving revenue management through customer loyalty programmes	JR East’s technical and education support to foreign railway companies		1130
1200	Rail Welding in Japan Hajime Ito , Assistant Senior Researcher, Rail Welding, Track Technology Division, Railway Technical Research Institute	Research sharing session from City University of Hong Kong – Safety, Reliability and Disruption Management of High Speed Rail and Metro Systems PRESENTATIONS BY: Professor Jian Ma , Professor, Southwest Jiaotong University Dr Antoni Chan , Associate Professor, CityU Dr Peter Tse , Associate Professor, CityU Dr Yimin Yu , Assistant Professor, CityU Dr Shaobo Liu , Associate Professor, Wuhan University of Technology Dr Weili Wang , Lecturer, Shanghai Maritime University Dr Yang Zhao , Scientific Officer, CityU Dr Dong Wang , Postdoctoral Fellow, CityU	The future of HSR in Asia: Opportunities and lessons from the first cases of competition Andrea Giuricin , Special Advisor, NTV-Italo	Planning, methodologies, design and implementation behind TOD: China Case Studies Kelvin Li , Director, Leigh & Orange	1200
1230	Outsourcing vs in-house track maintenance		Enabling connected transportation for enhanced train safety and passenger experience		1230
1300	Use of optical fibre networks in predictive maintenance of track infrastructure Dr. Michael Liu , Senior Scientific Officer, Hong Kong Polytechnic University		Optimising network infrastructure for converged railway systems	Rail and Metro Tunnel Ventilation System Steven Lai , Director, Infrastructure, China Region, WSP Mark Swales , Director, WSP	1300
1330	Innovations in track maintenance machinery		Management of railways using optimal scheduling and planning		1330
1400	Automatic track inspection system		Designing a safe and efficient rail stations using crowd stimulation	Mitigating risks in underground construction and enhancing tunnel lifecycle	1400
1430	Identifying weakness in track system/ maintenance		Improving machine to machine communications		1430
1500	End of Day Two				1500
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2018 Speakers

Get your tickets to join us now. Contact **Pamela** on +65 6322 2318 or pamela.inocencio@terrapinn.com



LINCOLN LEONG
Chief Executive Officer
MTR Corporation



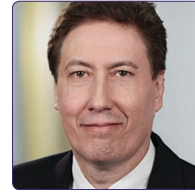
JEROEN WEIMAR
Chief Executive Officer
Public Transport Victoria



**ABDUL MOHSIN
IBRAHIM YOUNES**
Chief Executive Officer
Rail Agency, Roads and
Transport Authority



DR. JACOB KAM
Managing Director –
Operations & Mainland
Business
MTR Corporation



ROLF HÄRDI
CTO
Deutsche Bahn AG



ADI LAU
Operations Director
MTR Corporation



STEWART MILLS
Executive Director –
Engineering and Maintenance
Sydney Trains



DR. PRODYUT DUTT
Chief Development Officer
Land Public Transport
Commission (SPAD)



RICHARD ANDERSON
Managing Director
Railway and Transport
Strategy Centre, Imperial
College London



SIMON WRENCH
Industry Solutions Specialist
ABB



NIGEL BONSOR
Technical Director
Access-IS



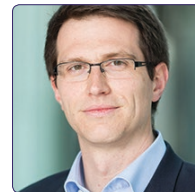
SYAHRUDDIN SOFYAN
Design, Civil Engineering &
Trackwork Manager, LRT
Department
Adhi Karya



IAN WHITTON
Industry Director – Rail
AECOM



PERRAN COAK
Technical Director,
Transportation
AECOM



GUILLAUME DENIS
Managing Director, Signalling
East Asia
Alstom



SCOTT HYMAN
Senior Vice President
ARES Project Management
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**KITIPAT
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Limited



SHAUN KENNY
President – Asia Pacific
Bechtel



**JUERGEN MAIER-
GYOMLAY**
Head of International Affairs
and Projects
BLS Cargo AG



SUNG HUNG KUNG
Chief of Section
Bureau of High Speed Rail,
MOTC



CHUNG WEI-LI
Chief Engineer
Bureau of High Speed Rail,
MOTC



LIU CHIU LIANG
Director of Systemwide E&M
Project Office
Department of Rapid
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Government



ANDREW SHIELDS
Project Director
Farrells



KOEN SOENENS
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FLIR ITS



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University



DR. MICHAEL LIU
Senior Scientific Officer
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AKHIL AGRAWAL
Director General (Signalling &
Telecoms)
Indian Railways



**HERMANTO
DWIATMOKO**
Chairman
Indonesian Railway Society
(MASKA)



PAUL GWYNN
Managing Director
INIT Asia-Pacific Pte Ltd



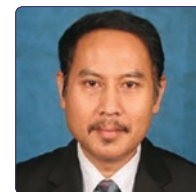
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Business Headquarters
Japan Freight Railway
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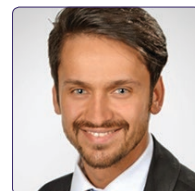
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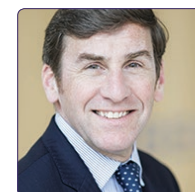
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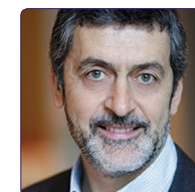
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