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

www.terrapinn.com/aprail
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

**THAILAND**
- MRTA
- BEM
- BTS
- SRT
- SRTET
- MOT

**HONG KONG**
- MTR
- EMD

**TAIWAN**
- Bureau of High Speed Rail
- MOTC
- TRTC
- NTPC

**CHINA & MONGOLIA**
- SHENZHEN METRO
- CHONGQING METRO
- WUHAN METRO
- NANJING METRO
- CHINA RAILWAY

**INDONESIA**
- PT KAI
- MRT JAKARTA
- MRT
- INDONESIA

**KOREA**
- KORAIL
- KtRNA
- SEOUL METRO LINE 9 OPERATION

**JAPAN**
- JR EAST
- TOKYO METRO
- JAPAN FREIGHT RAILWAY COMPANY

**AUSTRALIA**
- MTM
- PTV
- SYDNEY TRAINS
- TRANSPORT FOR NSW

**CAMBODIA**
- MRTVT
- MOT
- MYANMAR RAILWAY

**INDIA & BANGLADESH**
- DORTS
- MOTC
- TRTC
- NTPC
- MMRDA
- MMRDA
- MMRRDA
- NAGPUR METRO
- DMRC
- MEGA
- MMRA
- NAGPUR METRO

**PHILIPPINES**
- DOTC
- LRTA
- PNR

**EUROPE & MIDDLE EAST**
- DB BAHN
- RATP
- SNCF
- TRANSPORT FOR LONDON
- LONDON UNDERGROUND
- Roads and Transport Authority Dubai
## Opening Keynote Plenary: Rail Leadership

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00</td>
<td>Chair’s Opening Remarks&lt;br&gt;Richard Anderson, Managing Director, Railway and Transport Strategy Centre, Imperial College London</td>
</tr>
<tr>
<td>09:15</td>
<td>Keynote Interview: Future railway in Hong Kong and beyond: MTR’s expansion strategy&lt;br&gt;Lincoln Leong, Chief Executive Officer, MTR Corporation</td>
</tr>
<tr>
<td>09:30</td>
<td>Keynote Interview: Transforming the public transport network in Melbourne&lt;br&gt;Jersen Weimar, Chief Executive Officer, Public Transport Victoria</td>
</tr>
<tr>
<td>09:45</td>
<td>Keynote Interview: Dubai’s rail transport journey and beyond&lt;br&gt;Abdul Mohsin Ibrahim Younes, Chief Executive Officer, Rail Agency, Roads and Transport Authority</td>
</tr>
</tbody>
</table>

## Exhibition Visit & Networking Refreshments

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:55</td>
<td>Metro Project Updates&lt;br&gt;Urban Rail Transportation Signalling System&lt;br&gt;Reserved for Chinese Rail Operator</td>
</tr>
<tr>
<td>11:00</td>
<td>Southeast Asia&lt;br&gt;Foresighted Asset Management Strategy&lt;br&gt;Dr. Tony Lee, Chief of Operations Engineering, MTR Corporation</td>
</tr>
<tr>
<td>11:15</td>
<td>Rail Freight&lt;br&gt;Modernisation and expansion of Philippine National Railways&lt;br&gt;Emmanuel Magno, General Manager, Philippine National Railways</td>
</tr>
<tr>
<td>11:30</td>
<td>Singapore’s urban mobility revolution&lt;br&gt;Fault analysis of CBTC systems&lt;br&gt;Connected Asset Lifecycle Management for Rail&lt;br&gt;Simon Wiencek, Industry Solutions Specialist, ABB</td>
</tr>
<tr>
<td>11:45</td>
<td>Addressing mobility challenges in Asia’s cities: Solutions for new rail developments&lt;br&gt;Confidence assessment on safety case of high-speed rail signalling systems&lt;br&gt;Reserved for Chinese Rail Operator</td>
</tr>
<tr>
<td>12:00</td>
<td>Rail Freight&lt;br&gt;Modernisation of Indonesia’s railways to drive economic development&lt;br&gt;Hermanto Dwiatmoko, Chairman, Indonesian Railway Society (MAKRA)</td>
</tr>
<tr>
<td>12:15</td>
<td>Overcoming capacity challenge in Bangkok: An update on the Mass Transit Master Plan&lt;br&gt;Managing operational challenges in migration&lt;br&gt;Reserved for Traffic Control Technology</td>
</tr>
<tr>
<td>12:30</td>
<td>Rail Freight&lt;br&gt;Rehabilitating Cambodia’s railway networks to build regional connectivity&lt;br&gt;Voravuth Mala, Deputy Governor of Property Management Business Cluster, State Railway of Thailand</td>
</tr>
</tbody>
</table>

## Exhibition Visit & Networking Refreshments

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:50</td>
<td>China&lt;br&gt;Lessons learnt from investing and operating in Mainland China&lt;br&gt;Wireless networks for passenger rail&lt;br&gt;Winston Shua, General Manager – Beijing &amp; Tianjin, China &amp; International Business, MTR Corporation</td>
</tr>
<tr>
<td>12:55</td>
<td>Communications&lt;br&gt;Defining transport capability using systems engineering to assure asset integrity&lt;br&gt;Len Rees, Chief Engineer, Public Transport Victoria</td>
</tr>
<tr>
<td>13:10</td>
<td>Rail Freight&lt;br&gt;Towards sustainable rail freight operations: A case study on BLS Cargo&lt;br&gt;Josef Maier-Gyomlay, Head of International Affairs and Projects, BLS Cargo AG</td>
</tr>
<tr>
<td>13:25</td>
<td>Malaysia’s Land Public Transport Transformation towards Vision 2020&lt;br&gt;Urban Rail Transportation Signalling System&lt;br&gt;Reserved for Chinese Rail Operator</td>
</tr>
<tr>
<td>13:30</td>
<td>Southeast Asia&lt;br&gt;Foresighted Asset Management Strategy&lt;br&gt;Dr. Tony Lee, Chief of Operations Engineering, MTR Corporation</td>
</tr>
<tr>
<td>13:45</td>
<td>Rail Freight&lt;br&gt;Modernisation and expansion of Philippine National Railways&lt;br&gt;Emmanuel Magno, General Manager, Philippine National Railways</td>
</tr>
<tr>
<td>13:55</td>
<td>Singapore’s urban mobility revolution&lt;br&gt;Fault analysis of CBTC systems&lt;br&gt;Connected Asset Lifecycle Management for Rail&lt;br&gt;Simon Wiencek, Industry Solutions Specialist, ABB</td>
</tr>
<tr>
<td>14:10</td>
<td>Addressing mobility challenges in Asia’s cities: Solutions for new rail developments&lt;br&gt;Confidence assessment on safety case of high-speed rail signalling systems&lt;br&gt;Reserved for Chinese Rail Operator</td>
</tr>
<tr>
<td>14:25</td>
<td>Rail Freight&lt;br&gt;Modernisation of Indonesia’s railways to drive economic development&lt;br&gt;Hermanto Dwiatmoko, Chairman, Indonesian Railway Society (MAKRA)</td>
</tr>
<tr>
<td>14:40</td>
<td>Overcoming capacity challenge in Bangkok: An update on the Mass Transit Master Plan&lt;br&gt;Managing operational challenges in migration&lt;br&gt;Reserved for Traffic Control Technology</td>
</tr>
<tr>
<td>14:50</td>
<td>Rail Freight&lt;br&gt;Rehabilitating Cambodia’s railway networks to build regional connectivity&lt;br&gt;Voravuth Mala, Deputy Governor of Property Management Business Cluster, State Railway of Thailand</td>
</tr>
</tbody>
</table>

## Exhibition Visit & Networking Refreshments

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>15:05</td>
<td>India&lt;br&gt;Lessons learnt from investing and operating in Mainland China&lt;br&gt;Wireless networks for passenger rail&lt;br&gt;Winston Shua, General Manager – Beijing &amp; Tianjin, China &amp; International Business, MTR Corporation</td>
</tr>
<tr>
<td>15:10</td>
<td>Communications&lt;br&gt;Defining transport capability using systems engineering to assure asset integrity&lt;br&gt;Len Rees, Chief Engineer, Public Transport Victoria</td>
</tr>
<tr>
<td>15:25</td>
<td>Rail Freight&lt;br&gt;Towards sustainable rail freight operations: A case study on BLS Cargo&lt;br&gt;Josef Maier-Gyomlay, Head of International Affairs and Projects, BLS Cargo AG</td>
</tr>
<tr>
<td>15:40</td>
<td>Malaysia’s Land Public Transport Transformation towards Vision 2020&lt;br&gt;Urban Rail Transportation Signalling System&lt;br&gt;Reserved for Chinese Rail Operator</td>
</tr>
<tr>
<td>15:45</td>
<td>Southeast Asia&lt;br&gt;Foresighted Asset Management Strategy&lt;br&gt;Dr. Tony Lee, Chief of Operations Engineering, MTR Corporation</td>
</tr>
<tr>
<td>15:55</td>
<td>Rail Freight&lt;br&gt;Modernisation and expansion of Philippine National Railways&lt;br&gt;Emmanuel Magno, General Manager, Philippine National Railways</td>
</tr>
<tr>
<td>16:10</td>
<td>Singapore’s urban mobility revolution&lt;br&gt;Fault analysis of CBTC systems&lt;br&gt;Connected Asset Lifecycle Management for Rail&lt;br&gt;Simon Wiencek, Industry Solutions Specialist, ABB</td>
</tr>
<tr>
<td>16:25</td>
<td>Addressing mobility challenges in Asia’s cities: Solutions for new rail developments&lt;br&gt;Confidence assessment on safety case of high-speed rail signalling systems&lt;br&gt;Reserved for Chinese Rail Operator</td>
</tr>
<tr>
<td>16:40</td>
<td>Rail Freight&lt;br&gt;Modernisation of Indonesia’s railways to drive economic development&lt;br&gt;Hermanto Dwiatmoko, Chairman, Indonesian Railway Society (MAKRA)</td>
</tr>
<tr>
<td>16:55</td>
<td>Overcoming capacity challenge in Bangkok: An update on the Mass Transit Master Plan&lt;br&gt;Managing operational challenges in migration&lt;br&gt;Reserved for Traffic Control Technology</td>
</tr>
<tr>
<td>17:10</td>
<td>Rail Freight&lt;br&gt;Rehabilitating Cambodia’s railway networks to build regional connectivity&lt;br&gt;Voravuth Mala, Deputy Governor of Property Management Business Cluster, State Railway of Thailand</td>
</tr>
<tr>
<td>Time</td>
<td>Session</td>
</tr>
<tr>
<td>--------</td>
<td>------------------------------------------------------------------------</td>
</tr>
<tr>
<td>09:00</td>
<td>Keynote Panel: Towards long-term sustainability of railway operations</td>
</tr>
<tr>
<td>09:30</td>
<td>Operations &amp; Maintenance</td>
</tr>
<tr>
<td>10:10</td>
<td>Signalling &amp; Communications</td>
</tr>
<tr>
<td>11:30</td>
<td>Passenger Experience &amp; Crisis Management</td>
</tr>
<tr>
<td>11:50</td>
<td>Mainline - New High Speed Rail Corridors</td>
</tr>
<tr>
<td>12:30</td>
<td>Networking Lunch &amp; Exhibition Visit</td>
</tr>
<tr>
<td>14:00</td>
<td>Rail Maintenance: Latest technologies &amp; Best practices</td>
</tr>
<tr>
<td>14:40</td>
<td>Signalling &amp; Communications</td>
</tr>
<tr>
<td>15:20</td>
<td>Communications Security</td>
</tr>
<tr>
<td>15:40</td>
<td>Crisis Communication</td>
</tr>
<tr>
<td>16:00</td>
<td>Close of Asia Pacific Rail 2018 See you next year!</td>
</tr>
</tbody>
</table>

For the latest agenda, visit [www.terrapinn.com/apralagagenda](http://www.terrapinn.com/apralagagenda)
“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

Preliminary Programme

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

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).

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.

For the latest agenda, visit www.terrapinn.com/aprailagenda
<table>
<thead>
<tr>
<th>Time</th>
<th>Seminar Theatre 1</th>
<th>Seminar Theatre 2</th>
<th>Seminar Theatre 3</th>
<th>Seminar Theatre 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>1100</td>
<td>SBS Transit’s best practices in track inspection and maintenance</td>
<td>Innovative smart ticketing to improve passenger experience</td>
<td>Latest Technologies</td>
<td>Construction, Tunneling &amp; Project Management</td>
</tr>
<tr>
<td></td>
<td>Quek Chin Hock, Assistant Vice-President (Rail Engineering) &amp; Head of</td>
<td></td>
<td>Big data analysis for railway application</td>
<td>Mitigating construction challenges in building Jakarta’s first LRT line</td>
</tr>
<tr>
<td></td>
<td>Permanent Way &amp; CS Department, SBS Transit DTL</td>
<td></td>
<td></td>
<td>Syahrudin Sofyan, Design, Civil Engineering &amp; Trackwork Manager, LRT Department, Adhi Karya</td>
</tr>
<tr>
<td>1130</td>
<td>Railway damper on light rail noise control</td>
<td>Why you need a digital data architecture to build a successful public transport</td>
<td>Design considerations for maintaining the quality of data transmission in</td>
<td>BIM and Asset Management</td>
</tr>
<tr>
<td></td>
<td>Wilson Ho, Director, Wilson Acoustics Limited</td>
<td>system</td>
<td>Operational Networks</td>
<td>Olivier Bancel, Asset Management UP - Systra</td>
</tr>
<tr>
<td>1200</td>
<td>Maintenance and renewal of legacy tracks</td>
<td>Overview and updates of Thailand’s common ticketing system</td>
<td>How thermal camera technology can improve safety and efficiency in public transport</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Stanley Wong, Permanent Way Integrity Manager, MTR Corporation</td>
<td>Dr. Padet Praditphet, Director, Common Ticketing Office, Office of the Transport</td>
<td>Ioen Soenen, Business Development Director, FLIR ITS</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>&amp; Traffic Policy &amp; Planning (OTTP), Ministry of Transport</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1230</td>
<td>Track maintenance requirements during design, construction phase and before</td>
<td>The role of technology in driving a convergent ticketing landscape?</td>
<td>Stations evolving from transportation hubs to lifestyle hubs</td>
<td></td>
</tr>
<tr>
<td></td>
<td>operations</td>
<td>Nigel Bonsor, Technical Director, Access-IS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1300</td>
<td>New innovations and measures to slow down track degradation</td>
<td>Manila’s integrated ticketing system</td>
<td>Digital railways – tradition meets modernity</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Chung Wei-Li, Chief Engineer, Bureau of High Speed Rail, MOTC</td>
<td>Ofelia Astretra, Chief, Technical Training/AFCs Office/IT Section, Manila</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Metro Rail Transit System (MRT3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1330</td>
<td>Wheel Rail Interface Management</td>
<td>Ticketing for Smarter Cities</td>
<td>Development of an Artificial Neural Network for Optimization of Tunnel Blasting</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Elvis Kosica, International Sales Manager, LIENSINGER Austria</td>
<td>Giacomo Bigglera, Head of Business Development &amp; Partnership – Asia, Masabi</td>
<td>Design, Civil Engineering &amp; Trackwork Manager</td>
<td>Dr. Lawrence Lee, Senior Construction Engineer, MTR Corporation</td>
</tr>
<tr>
<td>1400</td>
<td>Experience from resleepering &amp; 3rd rail replacement project</td>
<td>Technology and operations for AFC systems in MTR</td>
<td>Evolution of project management tools and why the “value chain” of</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Roger Lim, Vice-President, Circle Line &amp; BPLRT Operations, SMRT Trains</td>
<td>Eric Yeung, AFC &amp; SAMS Engineering Manager, MTR Corporation</td>
<td>projects should be connected to the same system</td>
<td></td>
</tr>
<tr>
<td>1430</td>
<td>Designing railway tracks for an enhanced life cycle operation</td>
<td>Integrating emerging technologies to address the world’s increasing congestion</td>
<td>Scott Hyman, Senior Vice President, ARES Project Management LLC</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>problems</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1500</td>
<td>Track geometry maintenance vehicle system – A case study on Rapid Rail</td>
<td>Modernising the fare revenue reconciliation system in the Philippines</td>
<td>TETRA &amp; LTE integrated communications solutions for transportation</td>
<td>120 years of project management &amp; construction lessons</td>
</tr>
<tr>
<td></td>
<td>Buashri Mohamed, Project Director, Rapid Rail</td>
<td>Carolyn Ganducue, Division Manager, AFCs Revenue Reconciliation &amp; Settlement, Light Rail Transit Authority</td>
<td>Josep Jonch Sepulveda, Business Development Manager APAC, Teltronic</td>
<td>Shaun Kenny, President, Asia Pacific, Bechtel</td>
</tr>
<tr>
<td>1530</td>
<td>Designing and engineering of tracks to handle increased traffic and axle loads</td>
<td>Future of ticketing – moving from smart cards to the cloud</td>
<td>Ensuring security for rail communications networks</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>High Speed Rail Station Design as Development Catalyst</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Andrew Shields, Project Director, Farrells</td>
<td></td>
</tr>
<tr>
<td>1600</td>
<td>Identifying weaknesses in track system: A case study on LRT Line 1</td>
<td>Establishing a common ticketing system in Kuala Lumpur</td>
<td>Optimised Rail Energy Recovery by VYCON</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Zammar Castillo, Trackworks Engineer, Light Rail Transit Authority</td>
<td>Zakaria Md Tap, Head, Transit Acquirer Division, Land Public Transport Commission (SIPAD)</td>
<td>Venkateshwaran “Venky” Krishnan, Director of Business Development &amp; Special Programs, VYCON</td>
<td></td>
</tr>
<tr>
<td>1630</td>
<td></td>
<td>Mahesh Savihri, Chief Telecom Expert, Lucknow Metro Rail Corporation</td>
<td>Improving rail operations with leading-edge control systems</td>
<td></td>
</tr>
<tr>
<td>1700</td>
<td>End of Day One</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For the latest agenda, visit www.terrapinn.com/aprailagenda
### ON-FLOOR SEMINAR AGENDA DAY 2  WEDNESDAY, 21 MARCH 2018

**Seminar Theatre 1**  
**Track Infrastructure**  
- Solid-bed track with resilient sleepers  
  Hikaru Tanigawa, Researcher, Track Structures and Geotechnology, Track Technology Division, Railway Technical Research Institute

**Seminar Theatre 2**  
**Rail revenue & ticketing**  
- Octopus’ latest mobile offerings and strategy  
  Andy Yip, General Manager – International Business, Octopus Holdings

**Seminar Theatre 3**  
**Latest Technologies**  
- Improving railways through human factors  
  JR East’s technical and education support to foreign railway companies  

**Seminar Theatre 4**  
**Construction, Tunnelling & Project Management**  
- Best practices in designing mixed-use transit hubs  
  Greg Yager, Senior Vice President, CallisonRTKL

### Programme

<table>
<thead>
<tr>
<th>Time</th>
<th>Programme</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>1100</td>
<td>Solid-bed track with resilient sleepers</td>
<td>Hikaru Tanigawa</td>
<td>Track Technology Division, Railway Technical Research Institute</td>
</tr>
<tr>
<td>1130</td>
<td>Techniques in track health assessment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1200</td>
<td>Rail Welding in Japan</td>
<td>Hajime Ita, Assistant Senior Researcher, Rail Welding, Track Technology Division, Railway Technical Research Institute</td>
<td></td>
</tr>
<tr>
<td>1230</td>
<td>Outsourcing vs in-house track maintenance</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1300</td>
<td>Use of optical fibre networks in predictive maintenance of track infrastructure</td>
<td>Dr. Michael Liu, Senior Scientific Officer, Hong Kong Polytechnic University</td>
<td></td>
</tr>
<tr>
<td>1330</td>
<td>Innovations in track maintenance machinery</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1400</td>
<td>Automatic track inspection system</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1430</td>
<td>Identifying weakness in track system/maintenance</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1500</td>
<td>End of Day Two</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Presentations by:**
- Professor Jian Ma, Professor, Southwest Jiaotong University
- Dr. Antonio Chan, Associate Professor, CityU
- Dr. Peter Tse, Associate Professor, CityU
- Dr. Yimin Yu, Assistant Professor, CityU
- Prof. ShaoBao 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

For the latest agenda, visit [www.terrapinn.com/aprailagenda](http://www.terrapinn.com/aprailagenda)
2018 Speakers

LINCOLN LEONG
Chief Executive Officer
MTR Corporation

JEROEN WEIMAR
Chief Executive Officer
Public Transport Victoria

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

DR. JACOB KAM
Managing Director
Operations & Maintenance Business
MTR Corporation

ROLF HÄROI
CEO
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

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
President – Asia Pacific
Japan Freight Railway

IAN WHITTON
Director – Rail
AECOM

PERRAN COAK
Managing Director
Transportation
AECOM

GUILLAUME DENIS
Senior Vice President
ARES Project Management LLC

JASON WONG
General Manager
Ares

GREG YAGER
Senior Vice President
CallisonRTKL

LAKTHAI THONGKROPAROON
Assistant Managing Director
Project Management & Development Group
Bangkok Expressway and Metro Public Company Limited

KITIPAT SUPAKLEEAKUL
Senior Vice President
Engineering and Maintenance
Director
Bangkok Expressway and Metro Public Company Limited

SHAUN KENNY
President – Asia Pacific
Bechtel

JUERGEN MAIER-GYOMLAY
General Manager
BLS Cargo AG

SUNG HUNG KUNG
General Manager
MOTC

CHUNG WEI-LI
Director – International Business
AECOM

LIU CHIU LIANG
Director of Systemwide E&M
Alstom

ANDREW SHIELDS
Project Director
Farrells

KOEN SOENENS
Director
Business Development Director
FLIR ITS

PROF LEE KANG KUEN
Director
Hong Kong Polytechnic University

DR. MICHAEL LIU
Senior Vice President
Hong Kong Polytechnic University

AKHIL AGRAWAL
Executive Chairman
Indian Railways

HERMANTO DWIATMOHKO
Chairman
Indonesian Railway Society (MASHA)

PAUL GWYNN
Managing Director
IMIT Asia-Pacific Pte Ltd

KOJI NISHIMURA
Managing Director, Overseas Business Office, Railway Business Headquarters
Japan Freight Railway Company

CS CHANG
Chairman & Director
Key Direction Limited

NIKHIL SWAMI
Chief Executive Officer
Kolkata Metro Rail

ISMAIL SAD
general manager
Project Management
KTMB

KHOLEL MANAF
General Manager
Project Management
KTMB

YUSLIZAR DAUD
Executive Director
Land Public Transport Commission

ZAKARIA MO TAP
Executive Director
Land Public Transport Commission

SILVESTER PRAKASAM
Assistant Director
Land Transport Authority

KELVIN LI
Director
Leigh & Orange

RANDY SAC
Director – Information
Management & Technology
Light Rail Manila Corporation

CAROLYN GARDUCE
Director – Revenue
Reconciliation & Settlement
Light Rail Transit Authority

JEMMAR CASTILLIO
Technical Director
Light Rail Transit Authority

ELVIS KOZICA
Director
LINSINGER Austria

MAHESH SAVKUR
Managing Director
Lucknow Metro Rail Corporation

SAMADEV SINGH RATHI
Director
Planning
Mega Co. Ltd

AMIT GUPTA
General Manager
Corporate Planning
Mega Co. Ltd

JAYANTHA GUNARATHINE
Corporate Secretary
Ministry of Highways & Higher Education, Sri Lanka

Get your tickets to join us now. Contact Pamela on +65 6322 2318 or pamela.inocencio@terrapinn.com
2018 Speakers

Get your tickets to join us now. Contact Pamela on +65 6322 2318 or pamela.inocencio@terrapinn.com.
To booking a stand, contact Kym Chua on +65 6322 2702 or email kym.chua@terrapinn.com

**2018 Floor Plan**

- **Top sponsors take part in the whole event**

- **THOUGHT LEADERSHIP PRESENTATIONS**
  Deliver your message as a thought leader on a chosen topic to a room of up to 800 senior rail professionals.

- **CASE STUDY PRESENTATIONS**
  Showcase your best customer case study in one of our 4 premium conference tracks to establish awareness and viability to a room full of prospects.

- **ON FLOOR SEMINARS**
  Demonstrate your technology in one of our 4 on-floor seminar theatres (Track Infrastructure, Rail Revenue & Ticketing, Latest Technologies or Construction, Tunneling & Project Management) and show our visitors how your solution can work for their business.

- **PANEL DISCUSSIONS**
  Join rail stakeholders on key panel discussions and be a part of the debate.

**BRANDING**
This event is already being marketed by us. The sooner you join the more exposure you will get, via our website and other digital channels, print media and online community.

**LEAD GENERATION**
This is a digital inbound marketing program that uses social marketing and CRM to create awareness for your product or services. It allows you to generate leads that you can add to your sales pipeline.

**MEET THE BUYERS**
As part of our 1-2-1 partnering program for sponsors, you will be able to arrive at the event knowing that your top sales representatives will be meeting with that wish list of key rail owner-operator buyers that you need.
“Over the years, Asia Pacific Rail has been growing from strength to strength. The quality of participants and speakers is world-class and I always enjoy meeting rail colleagues from all over Asia at Asia Pacific Rail in Hong Kong.”

DATO’ SRI AZMI ABDUL AZIZ, President & Group CEO, Prasarana Malaysia Berhad

<table>
<thead>
<tr>
<th>2018 Sponsors &amp; Exhibitors</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Diamond Sponsor</strong></td>
</tr>
<tr>
<td>TCT 交通科技</td>
</tr>
<tr>
<td><strong>Platinum Sponsor</strong></td>
</tr>
<tr>
<td>BOMBARDIER 交通科技</td>
</tr>
<tr>
<td><strong>Gold Sponsors</strong></td>
</tr>
<tr>
<td>MOXA</td>
</tr>
<tr>
<td>teltronic</td>
</tr>
<tr>
<td>TÜVRheinland®</td>
</tr>
<tr>
<td><strong>Official Bag Sponsor</strong></td>
</tr>
<tr>
<td>CRRC</td>
</tr>
<tr>
<td><strong>Associate Sponsors</strong></td>
</tr>
<tr>
<td>ABB</td>
</tr>
<tr>
<td>ALSTOM</td>
</tr>
<tr>
<td>AXON VIBE</td>
</tr>
<tr>
<td>SYSTRA</td>
</tr>
<tr>
<td>THALES</td>
</tr>
<tr>
<td><strong>Exhibitors</strong></td>
</tr>
</tbody>
</table>

Get Involved. Contact Kym on +65 6322 2702 or kym.chua@terrappinn.com
## BOOK YOUR TICKETS NOW

### 2-Day All Access Pass ($USD)

<table>
<thead>
<tr>
<th>No of Attendees</th>
<th>Until 22nd December 2017</th>
<th>Until 2 February 2018</th>
<th>Until 2nd March 2018</th>
<th>After 2nd March 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-2</td>
<td>2040</td>
<td>2,270</td>
<td>2,380</td>
<td>2,495</td>
</tr>
<tr>
<td>Group Rate (3 &amp; above)</td>
<td>1135</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Benefit includes**
- Access to all conference tracks
- Access to exhibition
- Access attendee list on event networking app
- Attend drinks reception
- Lunch & Refreshments

### 2-Day Exclusive Rail Operator & Authority All Access Pass ($USD)

<table>
<thead>
<tr>
<th>No of Attendees</th>
<th>Until 22nd December 2017</th>
<th>Until 2 February 2018</th>
<th>Until 2nd March 2018</th>
<th>After 2nd March 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-2</td>
<td>990</td>
<td>1100</td>
<td>1,155</td>
<td>1,210</td>
</tr>
<tr>
<td>Group Rate (3 &amp; above)</td>
<td>605</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Benefit includes**
- Access to all conference tracks
- Access to exhibition
- Access attendee list on event networking app
- Attend drinks reception
- Lunch & Refreshments

---

**Asia Pacific Rail 2018**

---

**DATES & VENUE**

20-21 March 2018
HKCEC, Hong Kong

**TO REGISTER ONLINE:**

www.terrapinn.com/aprail

**CALL:**

Pamela
+65 6322 2318

**EMAIL:**

pamela.inocencio@terrapinn.com