

# Rail Solutions Asia 2010

## Taipei International Convention Centre

### Taipei, Taiwan, March 10 -12

## EXHIBITORS

COMPANY	PRODUCT	COUNTRY
Advanced Track products	Track Fastening and other Track Products	USA
Alcatel Lucent	Systems Integration for Comms and Ops	France/Asia
Alcoa Fastening Systems	Permanent Way Products	Australia
Ansaldo STS	Turnkey Signalling and Transit Systems	Italy/Asia
ARIC	Australian Railway Industry Corporation	Australia
AROA	Asian Railway Operators Association	Asia
Bombardier	Turnkey Systems	Canada/Asia
Brecknell Willis	Electrification Products	UK
Calenberg	Noise & Vibration Reduction Products	Germany
CDS Rail	Condition Monitoring Equipment	UK
Delkor	Track Fastening Systems and Products	Australia
DORTS	Government Railway Department	Taiwan
Faiveley Far East	Rolling Stock equipment and PSDs	Asia
Getzner	Track Noise and Vibration Specialists	Austria
Gmundner Fertigeile	Level Crossings	Austria
Invensys Rail	Control and Communications Solutions	UK/Asia
Jea Sheng	Turnouts and Rail Products	Taiwan
Knorr Bremse	Braking Systems, Doors and PSD	Germany/Asia
Lord Corporation	Vibration, Motion & Noise Control	China
LPA Group	Electrical Rolling Stock Products	UK
Lloyd's Register Rail	Consultants	Asia
MetroSolutions	Consultants and Agents	Hong Kong
Mors Smitt	Signalling Relays & Electrical Comps. for RS	N'lands/Asia
Mott MacDonald	Consultants	UK/Asia
Pandrol UK	Track Fastening Systems	UK/Asia
Railtech Stedef	Permanent Way and Electrification Products	France/Asia
Rawie	Buffer Stops	Germany
Schwihag	Components for Switches and Crossings	Switzerland
Sigma Coachair	Air Conditioning	Australia
SMA	Power Supply Systems	Germany
SPX Fluidpower	Points Control and Level Crossing Protection	UK
Thermit Australia	Track Welding and Permanent Way Products	Australia
The Thermit India Corp	Alumino Thermic Welding Equipment	India
TUV Rheinland	Consultants	Taiwan
VAE Eisenbahnsysteme	Driving, Locking, Detecting & Monitoring Points	Austria
Voestalpine BWG	Permanent Way and Turnouts	Germany
Voith Turbo	Front End and Driveline Products	Germany
Vossloh Fastening Systems	Track Fastening Systems	Germany

# THE CONFERENCE Day 1

## PROJECTS & PLANNING & GENERAL

Kuo-Hsiung Cheng	Chief Engineer	DORTS	Taiwan
Sung, Hung-Kang	Chief of Section	TRA	Taiwan
Wen-Chun Chan	Section Chief	BOHSR	Taiwan
Brian Nye	CEO	ARA	Australia
Jason Tse	Deputy General Manager International Business	MTRC	Hong Kong

**Achievements and Future Developments on Taipei MRT**  
**Taiwan Mainline Operations and Improvement Projects**  
**Taiwan, Taoyuan International Airport MRT System and Extension Line Project**  
**Australian Railway; Issues, Opportunities and Capabilities**  
**Plans for the Expansion and Development of Hong Kong's Railways**

## AROA WORKSHOPS

### SIGNALLING & COMMS

**CHAIRMAN:** Charles Page, Business Development Director, Invensys

#### WORKSHOP PANEL

Ms Wong Khai Chin	Engineer (Signalling/Comms)	SBS Transit	Singapore
Philip Wong	Train Services Engineering Mngr	MTRC	Hong Kong
Fu I-Hung	Chief of Signalling & Comms	TRA	Taiwan
Invensys	Charles Page	Signalling - Total cost of ownership	Singapore
Ansaldo STS	Denise MacMillan Hall	Managing complex railway infrastructure projects	Taiwan
Alcatel Lucent	Phil Harley	Technical and commercial evolution in railways	Australia
SBS Transit	Ms Wong Khai Chin	MMS in railway maintenance - SBSTransit's Experience	Singapore

### PERMANENT WAY & INFRASTRUCTURE

**CHAIRMAN:** Thomas Dorfner, Schwihag

#### WORKSHOP PANEL

S K Leung	Infrastructure Maint. Mngr	MTRC	Hong Kong
Amad Nizam	SM Quality Assurance/Engineering	RapidKL	Malaysia
Lord	Hyde Wang	Vibration, Motion & Noise Control	China
Thomas Dorfner	Getzner	Designed elasticity for railway superstructures	Austria
Fabrizio Lucchini	Tenconi	Close tolerance non-glued insulated rail joints	Switz.
Iqbal Singh Chedda	SPX Rail Systems	Efficient point acuation for HS turnouts: Rail Flexure Control	UK
Schwihag	John Birkinshaw	Maintenance-free roller plates	Switz.

### ROLLING STOCK

**CHAIRMAN:** Mark Flint, Business Development Manager, Sigma Coachair, Australia

#### WORKSHOP PANEL

Anthony Mok	Manager (Traffic)	SBS Transit	Singapore
Lu Wong	Passenger Train Services Mngr	MTRC	Hong Kong
Bombardier	Tilo Franz	Modular concept for rolling stock design	Singapore
Sigma Coachair	Mark Flint	A comfortable environment in passenger trains	Australia
Voith Turbo	Gerd Aurich	Ethernet - data - transfer between coupled trainsets	Germany
TUV	Dieter Kroeger	Independent safety assessment: Example assessment plan	Taiwan

## VIPs

Officiating at opening ceremony in main conference room, 9.15am Wednesday March 10th

Richard Chen	Commissioner	Department of Rapid Transit Systems
Daniel Ju	Director General	Bureau of High Speed Rail
Dr Frank Fan	Director General	Taiwan Railway Administration
Huel-sheng Tsay	President	Taipei Rapid Transit Corporation
Dr Chin-Der Ou	Chairman	Taiwan High Speed Rail Corporation

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# THE CONFERENCE Day 2

## BEST PRACTICES IN RAILWAY CERTIFICATION

**CHAIRMAN:** Sukhy Barhey, Director, Lloyd's Register

Sukhy Barhey	Director	Lloyd's Register	Thailand
Dr Gou	Engineering Director	BOHSR	Taiwan
Paul Sellers	Director	Lloyd's Register	Taiwan
Iain Carmichael	Managing Director	LR Rail (Asia) Ltd	Hong Kong
Huang Kuo-Pao	Managing Director	Lloyd's Register Inspection	Taiwan
David Hill	Transportation GM, Hong Kong & Taiwan	Lloyd's Register	Taiwan

## AROA WORKSHOP

### OPERATIONS & MAINTENANCE

#### WORKSHOP PANEL

Sung Hung-Kang	Chief of Section	TRA	Taiwan
Teo Kwang Meng	Asst VP (LRT)	SBS Transit	Singapore
Jason Tse	GM Int. Relations	MTRC	Hong Kong
THSRC	Eric Chen	Maintenance of the High Speed rail Infrastructure	Taiwan
SBS Transit	Teo Kwang Meng	LRT operation experience and life cycle costs	Singapore
Mott MacDonald	Jim Chen	STEPS - Station Pedestrian Modelling	Taiwan
SBS Transit	Anthony Mok	Challenges in the operation of OCC in a driverless metro	Singapore

### SITE VISIT

Travel on TRTC from City Hall Station to Zhongxiao Fuxing. Train from Zhongxiao Fuxing to Taipei Nangang Exhibition Center Station. Coach transfer to Neihu Depot. Visit Maintenance Depot and Control Centre. Briefing, including Civil, E & M, Construction and Operations & Maintenance.

## AROA MEMBERS ATTENDED

#### MTRC, Hong Kong

Jason tse	General Manager Int. Business
Philip Wong	Train Services Manager
Frankie Ngai	Manager
SK Leung	Infrastructure Maintenance Manager

#### RapidKL, Malaysia

Amiruddin Ma'aris	GM Rail Projects
Zohari Sulaiman	GM Rail Engineering
Mohd Zufri Mahmud	Manager
Ahmad Nizam Moh'd Amin	SM Quality Assurances/Engineering

#### TRTC, Taiwan

Hsiung-Fei Chao	Vice President
Tsair-ming Kuo	Vice President
Ming-Tsung Chuang	Director
Y. C. Chuie	Director

#### SBS Transit, Singapore

Teo Kwang Meng	Assistant Vice President, LRT
Anthony Mok	Manager. Rail Traffic
Wong Khai Chin	Engineer Signalling & Systems

#### TRA, Taiwan

Chen Wen-Chi	Dep. Chief OCC, Transportation Dept.
Lee Yih	Chief Bridge/Tunnel Sect. Civil Eng. Dept.
Fu I-Hung	Chief of Sig/Comms, Electrical Eng. Dept.
Sung Hung-Kang	Chief of Train Operations, RS Dept.

#### BOHSR, Taiwan

T. H. Mark Tsaur	Director Division VI
Yang-Tsai, Fan	Supervising Engineer
Yung-I, Chen	Deputy Director
Chin-Hung, Liu	Associate Engineer

#### THSRC, Taiwan

Jean Philippe Lavallee	Director, Head of Planning Dept.
Dr Uli Dobler	VP, Head of Maintenance
Jeder Hsieh	VP, Head of Engineering
Dr Jerry Li	Senior Engineer
Ian Winfieldale	Deputy Director, Engineering

#### Vietnam Rail, Vietnam

Diep Anh Tuan	Expert - Finance/Account Dept
Nguyen Ngoc Hung	Director of Strategic Project Dept.
Ms Do Thanh Ha	Dep. Dir. Planning & Statistics Dept.
Tran Viet Ban	Dep. Dir. of Science & Tech. Dept.

#### DORTS, Taiwan

Chiu-Liang Liu	Dir. Electrical & Mech. Design Div.
Ching-Chih Chen	Dep. Dir. Electrical & Mech. Projects
Chun-Hung Chen	Section Chief Civil Eng & Architectural
Alex W. Wang	Director Comprehensive Planning Div.