IRSC 25th – 30th Nov. 2025 HONG KONG, CHINA

INTERNATIONAL RAILWAY SAFETY COUNCIL

Hong Kong Convention and Exhibition Centre, Hong Kong, China www.IRSC2025.com

	25 Nov (TUE)	26 Nov (WED)	27 Nov (THU)	28 Nov (FRI)	29 Nov (SAT)	30 Nov (SUN)
08:30-09:00		Conference Registration				
09:00-10:30		9:00-9:45 Opening Ceremony 9:45-10:15 **Minister Address** Permanent Secretary of State, Cambodia Mrs Koy Sodany (Cambodia) **Keynote Session 1** Alice Chow (HKIE, Hong Kong) Zhi Wang (CR, China) 10:15-10:30 Coffee Break	Moderator: Ann Mills (RSSB, United Kingdom) **Session 3: Risk Control and Management** **Lawrence Wong (Civil Aviation Department, Hong Kong) – Keynote** **Angus Mitchell (Australian Transport Safety Bureau, Australia)** Derailment Investigation of Freight Train Y279, near Traveston, Queensland **Chan Woo Park (Korea Railroad Research Institute, Korea)** Development Technology to Analyse, Evaluate and Prevent Human Errors of Railroad workers **Peter Woditschka (Lufthansa-Group / FH Joanneum, Austria) & Mark Topal-Goekceli (OBB, Austria)** Train-meets-Plane **Valerie Stait (Cranfield University/The Safety Collaborative Limited, United Kingdom)** Reimagining Rail Safety: Moving Beyond, with Safety Intelligence and the Adaptive Safety Learning Framework	Moderator: Peter Woditschka (Lufthansa-Group / FH Joanneum, Austria) **Session 7: Innovation and Technologies** **Klaus Muller (Federal Network Agency, Germany) – Keynote** **Paul Leach (RSSB, United Kingdom)** Human factors principles for the design and operation of artificial intelligence (AI) systems in rail **Rirhandzu Mashava (Railway Safety Regulator, South Africa)** Harnessing Innovation and Collaboration to Advance Railway Safety in South Africa **Maria Appel (Metro Trains Melbourne, Australia)** People Movement Analytics **Nicolas Rabbat (Hitachi Rail, Japan) & Joseph Lam (AAHK)** Securing CBTC on HKIA APM with 5G		
10:30-11:00		**Keynote Session 2**	E-Poster Presentation and Coffee Break (more details)	Coffee Break		
11:00-12:30		He Wensheng (China Communications Construction Company Limited, China) Gao Chunhai (Traffic Control Technology Co., Ltd., China) Wang Yin (China Railway Signal and Communication, China) Mark Topal-Goekceli (OBB, Austria) Carl Devlin (MTR, Hong Kong) João Caetano (IMT, Portugal)	Moderator: Paul Leach (RSSB, United Kingdom) **Session 4: Risk Control and Management** **Linqing Li (National Railway Administration of People's Republic of China, China)** Risk Assessment of Railway Infrastructure Investment along the "Belt and Road" Based on BWM-WASPAS **Nantida Wisawayodhin (Ricardo, Thailand)** Benefits of Adopting a User Centred Design Approach to the Integration of Alarms **Nelson Ng (MTR, China)** Managing Major Railway Risks Effectively through BOWTIE Risk Control Diagram and Application of Innovation and Technologies **Hyunkyu Jun (Korea Railroad Research Institute, Korea)** Data-driven Railway Safety Evaluation and Prediction Technology Development **Rendy Ho (SBS Transit Rail Pte Ltd, Singapore)** Managing Hazards and Incidents in SBS Transit Rail	Moderator: Kelvin Wong (MTR, Hong Kong) **Session 8: Innovation and Technologies** **Marcus Beard (Arthur D. Little, United Kingdom)** Risk Targeted Speed Restrictions **Chow Wai Yein (SMRT Corporation Ltd, Singapore)** Embracing Technology to Enhance Safety & Security in Singapore's Railway Industry **Kento Watanabe (Niigata Transys Co., Japan)** Development and Improvement of Neutral Zone **George Zhang (Bombardier NUG Signaling Solutions Co Ltd, France)** Cross-border Recombination of Security Genes and Spatio-temporal Dialogue of Security Technologies **Lobee Yuen (EMSD, Hong Kong)** Enhancing Rail Safety and Operational Security Across Hong Kong's Railway Network		
12:30-14:00		CRRC Sponsor Luncheon	Lunch		Technical Visit 1 Hong Kong, China (Half Day, AM) Technical Visit 2 Chinese Mainland (Full day, Day 1)	Technical Visit 2 Chinese Mainland (Full Day, Day 2)
14:00-15:30	Conference Registration	14:00-15:00 Moderator: Ernest Li (EMSD, Hong Kong) **Session 1: High Speed Rail** **Zhang Hang (National Railway Administration of People's Republic of China, China)** Research on Evaluation Standards for the Track Service Condition of High-Speed Railway at Home and Abroad **Wang Muzhi (CRRC, China)** Research and Practice of Safety Management Platform for Rail Transit Production Workshop Based on Digital Intelligence Technology **Li Xuefei (CRRC, China)** Green and Intelligent Cooperation and Innovation for Future 15:00-15:30 Coffee Break	Moderator: Zoe Tse (MTR, Hong Kong) **Session 5: Safety Culture** **Virginie Papillault (International Union of Railways (UIC), France)** Enhancing Railway Safety Culture Through a Structured Peer Review Process **Naoto Watanuki (East Japan Railway Worker's Union, Japan)** To close in on the causes and background of the Shinkansen coupling incidents and realize "Safety as a top priority of management" **Mike Aviet (Bowen Rail Company, Australia)** Safety Culture - What are Your Drivers? **Jerry Heng (Land Transport Authority, Singapore)** Multi-pronged regulatory approach to railway safety in Singapore	Moderator: Prof Lee Kang Kuen (POLY U, Hong Kong) **Session 9: Collaboration and Challenges** **Peter Doggett (Office of the National Rail Safety Regulator, Australia)** Industry failing to take full advantage of a national regulator **Huipeng Li (Jacob's Engineering, United Kingdom)** Through-Life Systems Management –System Safety Through Life of a Railway System **Paul Tirvaudey (RATP, France)** Upgrading a historic tram system: Introducing modern and innovative systems while preserving a city heritage **WL Yip (EMSD, Hong Kong)** International Collaboration and Challenges **Andrew Lo & Eunice Ngai (MTR, Hong Kong)** Image Analytics for Efficient Overhead Line Monitoring		
15:30-16:00		15:30-17:00 Moderator: Jason Wong (Arup, Hong Kong) **Session 2: Railway Infrastructure Development** **Edmond K H Leung (HKIE, Hong Kong) - Keynote** **Tayakorn Chandrangsu (Department of Rail Transport, Thailand)** Enhancing Rail Safety and Operational Security in Thailand **Deepak Budhram (Railway Safety Regulator, South Africa)** Exploring Human Depth perception at level crossings **James Pang (SJ Group, Singapore)** Anaklia Railway Access Project **Ng Ka Chun & Rica Ng (MTR, Hong Kong)** Intelligent Safety 2.0 for Light Rail Utilizing IoT, AI, Computer Vision & Data Analytics	E-Poster Presentation and Coffee Break (more details)	Coffee Break		
16:00-17:30	Stakeholders Meeting		Moderator: Tse Lok Him (EMSD, Hong Kong) **Session 6: Safety Culture** **Juan Luis Fuentes (Administrador de Infraestructuras Ferroviarias (ADIF), Spain)** Next-Generation Safety Leadership **Faisal AlSalem & Fahad AlMusaiteer (Saudi Arabia Railways, Saudi Arabia)** Beyond Compliance: Embedding Safety as a Belief Through Governance, Intelligence, and Predictive Assurance at SAR **Graça Brígida (IMT, Portugal)** Prevention of accidents to persons - a collaborative approach **Makoto Kato (East Japan Railway Worker's Union, Japan)** As railway automation advances and employees are increasingly asked to perform multiple functions, how can we create safe and accurate railway transportation? **Liam Logan (Commission for Railway Regulation, Ireland)** Compliance Risk Model Proposal for Railway Safety Regulators	Closing & Handover Ceremony		
18:00-21:00	Welcome Cocktail	Gala Dinner	Core Group Meeting and Dinner	Farewell Cocktail		

Updated as of 24 November 2025