

INTERNATIONAL MONORAIL ASSOCIATION



MONORAILEX 2025

— A Forum for Ideas —

Conference & Technical Visits

September 19 - 23, 2025

Sentosa Island, Singapore



Elevating Mobility - Monorails and the Future of Public Transportation

Invite

The International Monorail Association is excited to invite you to join its 17th annual conference Monorailex. The leading international professional conference covers all aspects of monorail systems. The event will take place from 19 to 23 September 2025 on Sentosa Island in Singapore and will include technical visits to various alternative solutions for public mass transit.

Monorailex is designed to provide a platform for presenting new research, latest developments, and operational findings related to monorail systems. The conference serves as a forum for experts in transportation planning, industry suppliers, system integrators, infrastructure services, researchers, operators, consultants, academic and certification bodies to share ideas and discuss innovations in the field.

The program will feature expert lectures and scholarly presentations that showcase monorail projects in operation, and innovative research in monorail systems. This is an opportunity to gain valuable insights, exchange feedback, and explore innovative solutions that will shape the future of sustainable urban mobility.

A special feature of our conference will be again the "Technical Visits". Singapore is clearly positioning itself as a pioneer for innovative mobility solutions. For the past 20 years, the Sentosa Express monorail system has been a reliable part of Singapore's transportation network. In addition, alternatives like cable cars and the urban Automated People Mover (LRT) contribute to the city's efficient public transit. Currently, an autonomous minibus shuttle is undergoing its final tests for approval for public use. We will be able to visit all these systems on the Technical Tour and discuss challenges and experiences.

Mission Statement

The mission of the International Monorail Association is to organize the global monorail sector, promote the application of monorail, publish information, and initiate and support standardization processes of monorail systems for public mass transport infrastructure.

Venue

Amara Sanctuary Hotel
1 Larkhill Road
Sentosa Island
Singapore 099394

Up-to-date Information

For the latest event updates, please visit our website at www.monorailex2025.org.

Marko Krönke, President



Thank you to our 2025 Partner Companies.

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Schedule of Events

Subject to Change

Annual General Meeting & Welcome Reception

Friday, September 19, 2025

Location: Conference Area, Hotel 'Amara Sanctuary'

12:00 Board Meeting (all IMA Executive Council members)

14:00 *Welcome Coffee & Light Lunch Snack (all IMA members)*

15:00 Annual General Members Meeting (all IMA members)

17:00 Individual Leisure Time

Location: Ola Beach Club, Sentosa Island (walking distance 14 min. from hotel)

19:00 Welcome Reception, (all registered Monorailex conference participants)

Schedule of Events

Subject to Change

Conference Days

Saturday, September 20, 2025

Location: Conference Area, Hotel 'Amara Sanctuary'

08:00 Registration

09:00 Welcome

09:10 Keynote Speech

Mr. Chua Chong Kheng, CEO of MSI Global Pte Ltd., Senior Advisor of LTA

09:30 Introducing Sentosa Island

Mr. Chew Yun Meng, Divisional Director at Sentosa Development Corp.

09:40 **P1** Challenges in Implementing Monorails in a High-Density City, *Metro São Paulo*

10:10 **P2** Reimagining Monterrey: How Monorail is Driving the Future of Urban Mobility, *Sistema de Transporte Colectivo Metrorrey*

10:40 Coffee Break, *in the foyer*
In-house Exhibition

11:20 **P3** Onboard Power Traction Batteries' Influence on Operational Scenarios of São Paulo Metro Line 17-Gold, *Metro São Paulo*

11:50 **P4** Application of Active Noise Cancellation Technology in Rail Transit, *Honrock*

12:20 **P5** Intelligent On-Board Solutions, *Luetze Transportation*

12:50 Networking Lunch, *in the foyer*
In-house Exhibition

14:20 **P6** Study of the Index System of Assessment for the Maintaining Condition of Monorail Guideway Beams and Bridges in Chongqing, *Beijing Jiaotong University*

14:50 **P7** Macro Texture Influence on Surface Wearability and Skid Resistance of Monorail Guideway Beams, *Innova Transportation*

15:20 **P8** Evolution of the Dimensional Verifications on the Guide Beams and Closure Pours in Line 15 – Silver, *Metro São Paulo*

15:50 Coffee Break, *in the foyer*
In-house Exhibition

16:35 **P9** Hitachi Rail Monorail Solutions – System Safety Analysis and SIL4 Certification Process for the Safety Function: Vehicle Direction Control, *Hitachi Rail*

17:05 **P10** Guidelines for Safe Passenger Evacuation from Elevated Monorail Systems, *IMA WG Passenger Evacuation (Lead: TÜV SÜD Rail)*

17:35 **P11** Examples for Safe Passenger Evacuation Solutions, *TÜV SÜD Rail*

18:05 Closing of Day 1

Location: Restaurant Royal Taj (walking distance 3 min. from hotel)

19:00 Networking Dinner

Schedule of Events

Subject to Change

Conference Days

Sunday, September 21, 2025

Location: Conference Area, Hotel 'Amara Sanctuary'

08:00 In-house Exhibition & Networking

09:00 **P12** Pink & Yellow Monorail – 2 Years in Operation Performance Review, *Alstom*

09:30 **P13** Challenges and Lessons Learned on Resilience in the Implementation of the BIM Tool for the Monorail Megaproject Line 3 of the Panama Metro, *Nippon Koei LAC*

10:00 **P14** Special Monorail Applications Switzerland, *Derap Monorail Systems AG*

10:30 Coffee Break, *in the foyer*
In-house Exhibition

11:15 **P15** Pounding Analysis for Monorail Elevated Structures, *Sener Mobility*

11:45 **P16** Monorail Structures: Ideas for Span and Assembly Optimizations, *mageba Services & Technology AG*

12:15 **P17** Application of the World's Largest (Over 10 Meters) Intelligent Cantilever Bridge Erecting Machine in Continuous Girder Construction, *Shanxi Zhonghaiwei Rail Transit Engineering Co. LTD*

12:45 Networking Lunch, *in the foyer*
In-house Exhibition

14:15 **P18** Uncovering the True Cost – Key Factors Influencing Life Cycle Costing in Operations and Maintenance, *claystreetX*

14:45 **P19** Beyond Traditional Rail: How TÜV Rheinland Enables Futran's Vision for Affordable, Sustainable, and Safe Urban Transit, *TÜV Rheinland Group*

15:15 **P20** On-Demand Urban Cable Car Transit System 'Whoosh', *Holmes Solutions*

15:45 **P21** Alleviating Impacts of Climate Change: Cairo Monorail as a Mitigation Measure, *National Authority of Tunnels Egypt*

16:15 Closing of Day 2

16:25 Coffee Break, *in the foyer*
In-house Exhibition

Location: Ultra Golf

17:05 Leave hotel for social activity, *walking distance 6 min.*

17:15 Minigolf 'Tournament'

Location: Restaurant Native Kitchen (*walking distance 7 min. from Ultra Golf*)

19:00 Closing Dinner

Schedule of Events

Subject to Change

Technical Visits Days

Monday, September 22, 2025

Locations: Sentosa Island & Singapore Mainland

- AM Leave Hotel Amara Sanctuary (on foot)
Visit Sentosa Express Monorail
- OCC
 - Depot
 - Ride
- Lunch, Food Trucks on Sentosa
- PM Visit Autonomous Shuttle Bus (WeRide), tbc.
Visit Singapore Cable Cars (Sentosa Line & Mount Faber Line)
- OCC
 - Ride Round Trip Sentosa Line
 - Ride to Mount Faber
- Guided City Walk
- Hike down Mount Faber to public transportation
 - Start of Tour: Buddha Tooth Relic Temple
 - End Point: Makansutra Gluttons Bay

19:00 Individual Leisure Time

Tuesday, September 23, 2025

Locations: Singapore Mainland

- AM Bus transfer (40 min. bus ride to Ten Mile Junction)
Bukit Panjang LRT (Automated People Mover)
- Depot
 - OCC
 - LRT ride
- PM Singapore Rail Discovery Centre at Thomson East Coast Line (TEL) Mandai Depot
- TEL OCC

End of Monorailex

Attendee Fees

Standard Rates

Register and pay between July 12 and August 29, 2025

	in person
IMA member	1,550 €
Non-member	1,850 €
Fee includes	<ul style="list-style-type: none">• Conference Attendance (Sep. 19-21)• Technical Visits (Sep. 22-23)• Friday Light Lunch, Welcome Reception• Saturday/Sunday Lunches & Dinners

Exhibition & Marketing Opportunities

PLATINUM Package

€ 7.500 for IMA members, € 9.000 for non-members

DIGITAL VISIBILITY

- » Display of your logo on www.monorailex2025.org
- » Logo and description of your company on the IMA website for one year
- » Regular exhibition of logo with a link to your company's website in the newsletter and e-mail/social media marketing
- » Mailing of participants who accept data disclosure

ON-SITE VISIBILITY

- » Free in-house exhibition booth
- » Logo on the event screens and brochure
- » Logo on the event credentials
- » Logo on stage pulpits
- » 30 seconds video at the opening of the event and on all stages (recognition block)
- » Recognition at one of the dinners
- » 4 free registrations

GOLD Package

€ 5.500 for IMA members, € 7.000 for non-members

DIGITAL VISIBILITY

- » Display of your logo on www.monorailex2025.org
- » Logo and description of your company on the IMA website for one year
- » Regular exhibition of logo with a link to your company's website in the newsletter and e-mail/social media marketing
- » Mailing of participants who accept data disclosure

ON-SITE VISIBILITY

- » Free in-house exhibition booth
- » Logo on the event screens and brochure
- » Logo on the event credentials
- » Recognition at one of the lunches
- » 3 free registrations

SILVER Package

€ 4.000 for IMA members, € 5.000 for non-members

DIGITAL VISIBILITY

- » Display of your logo on www.monorailex2025.org
- » Logo and description of your company on the IMA website for one year
- » Regular exhibition of logo with a link to your company's website in the newsletter and e-mail/social media marketing
- » Mailing of participants who accept data disclosure

ON-SITE VISIBILITY

- » Free in-house exhibition booth
- » Logo on the event screens and brochure
- » 2 free registrations

BRONZE Package

€ 2.500 for IMA members, € 3.500 for non-members

DIGITAL VISIBILITY

- » Display of your logo on www.monorailex2025.org
- » Regular exhibition of logo with a link to your company's website in the newsletter and e-mail/social media marketing
- » Mailing of participants who accept data disclosure

ON-SITE VISIBILITY

- » Free in-house exhibition booth
- » Logo on the event screens and brochure
- » 1 free registrations

If you consider booking an exhibition & marketing package, please email info@monorailex.org.

Venue

Conference Hotel

Amara Sanctuary Sentosa

1 Larkhill Road
Sentosa Island
Singapore 099394

	room rates
Single room	280 S\$ incl. breakfast (exclusive service charge 10% and tax 9%)
Double room	305 S\$ incl. breakfast (exclusive service charge 10% and tax 9%)
Reservation Code	please use the specific reservation form
Reservation	+65 6825 3825 reservation@amarasanctuary.com jason.wong@amarasanctuary.com

Please note that there is only a limited number of rooms available.

Addresses Locations

Amara Sanctuary Hotel

1 Larkhill Road, Sentosa, Singapore 099394
Phone: +65 6825 3888

Ola Beach Club

46 Siloso Beach Walk, Sentosa, Singapore 099005
Phone: +65 8028 3228

Royal Taj Restaurant

Village Hotel, Mess Hall, 2 Gunner Lane, 02-07, Sentosa, Singapore 099567
Phone: +65 9118 5896

Native Kitchen Restaurant

Village Hotel, 10 Artillery Avenue, Sentosa, Singapore 099951
Phone: +65 6722 0818

Ultra Golf

54 Palawan Beach Walk, Sentosa, Singapore 098233
Phone: +65 6277 7093



Registration Form Monorailex 2025

Surname, Name _____
Company _____
Position _____
Email address _____
Phone number _____
Invoice address _____

optional order number / your internal reference: _____

	in person
IMA Member (early bird ¹ : 1.400 €, standard fee: 1.550 €)	<input type="checkbox"/>
Non-member (early bird ¹ : 1.700 €, standard fee: 1.850 €)	<input type="checkbox"/>

Note: 1) early bird fees are only valid until July 11, 2025

- ☐ I am registering as part of a exhibition & marketing package (company name) _____
- ☐ I will be accompanied by my spouse (surname, first name) _____
(please, fill in separate form for spouse)
- ☐ I agree that my data may be disclosed to the supporting companies of the event for their communication purposes.

Please make additional choices for our detailed planning.

Friday, Sep. 19

- ☐ Annual General Meeting (IMA members only)
- ☐ Welcome Reception (all attendees)
- ☐ Vegetarian

Saturday, Sep. 20

- ☐ Conference Day 1
- ☐ Networking Dinner
- ☐ Vegetarian

Sunday, Sep. 21

- ☐ Conference Day 2
- ☐ Social Activity - Ultra Golf
- ☐ Closing Dinner
- ☐ Vegetarian

Monday, Sep. 22

- ☐ Technical Tour
- ☐ Guided City Tour

Tuesday, Sep. 23

- ☐ Technical Tour

Privacy disclaimer. The International Monorail Association (IMA) reserves the right to use any photograph/video/presentation recording taken at any event sponsored by IMA, without the expressed written permission of those included within the photograph/video/presentation recording. IMA may use the photograph/video/presentation recording in publications or other media material produced, used, or contracted by IMA, including but not limited to brochures, invitations, books, newspapers, magazines, television, websites, etc.

Refund Policy: We regret that we cannot provide refunds due to activities not selected or not attended. Cancellations of conference passes are subject to a € 50.00 processing fee. Refund requests must be submitted by email to info@monorailex.org and are not accepted after August 29, 2025.

Speaker Registration Form Monorailex 2025

Surname, Name _____

Company _____

Position _____

Email address _____

Phone number _____

Invoice address _____

optional order number / your internal reference: _____

	in person
Speaker (early bird ¹ : 1.400 €, standard fee: 1.550 €)	<input type="checkbox"/>

Note: 1) early bird fees are only valid until July 11, 2025

☐ I am registering as part of a exhibition & marketing package (company name) _____

☐ I will be accompanied by my spouse (surname, first name) _____
(please, fill in separate form for spouse)

☐ I agree that my data may be disclosed to the supporting companies of the event for their communication purposes.

Please make additional choices for our detailed planning.

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Tuesday, Sep. 23

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Registration Form for Spouses

Surname, Name _____

Email address _____

Phone number _____

Invoice address _____

I am registering as spouse of (surname, name): _____

Please make your choices for our detailed planning.

Spouse Registration (€ 450)

Friday, Sep. 19

☐ Welcome Reception

☐ Vegetarian

Saturday, Sep. 20

☐ Networking Dinner

☐ Vegetarian

Sunday, Sep. 21

☐ Social Activity - Ultra Golf

☐ Closing Dinner

☐ Vegetarian

Monday, Sep. 22

☐ Technical Tour

☐ Guided City Tour

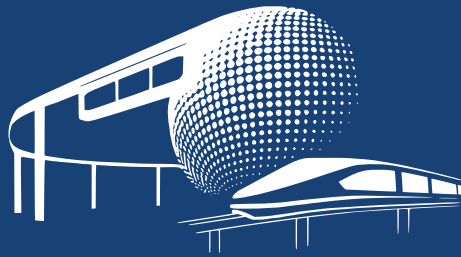
Tuesday, Sep. 23

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INTERNATIONAL **M**ONORAIL **A**SSOCIATION

MONORAILEX 2025

Sentosa Island, Singapore

International Monorail Association

Schützenstrasse 19
3627 Heimberg
Switzerland

www.monorailex.org
www.monorailex2025.org