

MONORAILEX 2022

EUROPA-PARK RUST

Germany

Conference

September 16 - 18, 2022

Technical Visits

September 19 - 21, 2022



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

Invite

The International Monorail Association is excited to invite you to join its 14th annual conference, Monorailex 2022, scheduled to be held in Europa-Park Rust, Germany on September 16 through 18, 2022. In addition, there will be a Technical Visits Tour with stops in Nuremberg and Berlin from September 19 to 21, 2022.

This hybrid event takes place in advance of the world's largest trade fair for transport technology - InnoTrans. Monorailex 2022 is composed of **presentation of scholarly papers** and **expert lecturers** sharing their experience with the professional audience. Other highlights of the conference include the presentation of the **first edition of the Technical Performance Specifications** and a **comprehensive monorail market study** commissioned by IMA. And, as always, Monorailex will provide the invaluable opportunity to network with other professionals in the field.

We are very pleased and honored to announce **Paulo Sèrgio Amalfi Meca**, Director of Engineering and Planning at Metrô São Paulo, for the **keynote speech**, who will give some insights of the process of choosing the monorail mode to be implemented for Lines 15 and 17, challenges faced during construction and their experience as an operator.

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 for public mass transport infrastructure.

Why Monorail?

Monorails today are an accepted alternative system for public transport. They are cost-efficient to build, safe, reliable, and environmentally friendly.

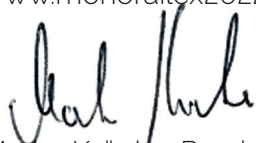
Venue

Europa-Park Rust, Europa-Park-Straße 2, 77977 Rust, Germany

ZOOM meeting for participants attending remotely (Login details will be announced in due time).

Registration Information

For registration, please use the form in this brochure or visit our website at www.monorailex2022.org.



Marko Krönke, President

Our Sponsors

This event is partly sponsored by ...

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Schedule of Events

Subject to Change

General map - Europa-Park Hotels



Conference Days

Friday, September 16, 2022

Location: Salle Petit Paris, French themed area - Europa-Park + ZOOM

11:15 Transfer via EP-Express with employee of Europa-Park

12:00 Board Meeting (all Executive Board members)

13:15 Transfer via EP-Express with employee of Europa-Park

14:00 Light Lunch Snack (all IMA members)

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

Location: Bodega, Hotel El Andaluz (walking distance 7min from Hotel 'Bell Rock')

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

Schedule of Events

Subject to Change

Conference Days

Saturday, September 17, 2022

Location: Biblioteca Vasco da Gama, Hotel Santa Isabel (walking distance 8min from Hotel 'Bell Rock')
+ ZOOM

08:00 Registration

09:00 Welcome

09:10 Keynote Speech

Paulo Sérgio Amalfi Meca, Director of Engineering and Planning, Metrô São Paulo

09:30 **P1** The Role of Monorails in the Multimodal World of Future Mobility.
Metrô São Paulo, Fogtec

10:00 **P2** Analysis of Factors Influencing Mumbai Monorail as an Urban Transit System,
Mumbai Monorail

10:30 Coffee Break, *in the cloister*

11:00 **P3** Selection of a mass railway transport system for an urban area based on multi-criteria analysis. *Aristotle University of Thessaloniki*

11:30 **P4** Sustainability Due to Flexible Adaptation of Catamaran Bearings to Monorail Guideway Beam Conditions. *Maurer*

12:00 **P5** Solving Special Aspects of Bearings Design for Monorail Structures. *Mageba*

12:30 Lunch, sponsored by Hirun International, *Restaurant Don Quichotte, Hotel El Andaluz*

13:30 **P6** Monitoring the Fitness of the Monorail Structural Bearings. *Hirun International*

14:00 **P7** Condition based Maintenance for Door Systems in Rail Vehicles. *Bode*

14:30 **P8** Retrofit and Facelifting of Monorail Systems. *Derap*

15:00 Coffee Break, *in the cloister*

15:30 **P9** Monorail Guideway - Subsystem Progressive Assurance. *Peart Consultancy, Innova*

16:00 **P10** Civil works in monorail projects: Safety management in accordance with EN 50126, *TÜV Rheinland*

16:30 In-house Exhibition

18:15 Closing of Day One

18:45 Transfer with EP-Express to Formal Dinner

Meeting point: Lobby of the Hotel 'Bell Rock', travel time 15min

Location: *Bistro Tomi Ungerer, French themed area*

19:00 Formal Dinner, sponsored by Derap, Fogtec, Innova

on site speaker

partly remote speaker

remote speaker

Schedule of Events

Subject to Change

Conference Days

Sunday, September 18, 2022

Location: Biblioteca Vasco da Gama, Hotel Santa Isabel (walking distance 8min from Hotel 'Bell Rock')
+ ZOOM

08:00 In-house Exhibition

09:00 **P11** Research on Linear Adjustment of Guideways of Straddle Monorail Transit Rigid Frame System. *Beijing Jiaotong University, Prof. Dr. Eryu Zhu*

09:30 **P12** Analysis of Greenhouse Gas Emission in Operation Phase of Metro and Monorail Transits in Chongqing China *Beijing Jiaotong University, Dr. Teng Li*

10:00 **P13** Contactless and Wheel independent Speed Measurement for 'Mono'-rail Vehicle, *HaslerRail*

10:30 Coffee Break, *in the cloister*

11:00 **P14** Active Fire Protection Solutions in Monorail Systems - Opportunities and Challenges. *Fogtec*

11:30 **P15** CBTC Technology Rubber Wheels onboard Odometry. *Hitachi*

12:00 **P16** IMA Market Study on Monorail System Worldwide. *SCI Verkehr*

12:30 Lunch, sponsored by Beijing Jiaotong University, *Restaurant Don Quichotte, Hotel El Andaluz*

13:30 **P17** Monorail in Pioneer – PATS Best Practice in Wuhu, China. *PATS Puzhen Alstom Transportaton Systems*

14:00 **P18** Cairo Monorail – Project Overview and Advancements in Design and Construction Technology, *Hill International*

14:30 **P19** Cairo Monorail Lines between Concept and Reality 2022. *Innova*

15:00 **P20** IMA Performance Specification for a Turnkey Mass Transit Monorail System

15:30 Closing of Day Two

Coffee Break, *in the cloister*

16:00 Technical Guided Tour Europa-Park at the attractions „EP-Express“ and „Monorail“ incl. round trip

Location: Restaurant Harborside, Hotel Bell Rock

19:00 Closing Dinner, sponsored by Derap, Fogtec, Innova

on site speaker

partly remote speaker

remote speaker

Schedule of Events

Subject to Change

Technical Visits Days

Monday, September 19, 2022

Locations: Rust, Nuremberg

08:00 Start from Hotel, bus transfer

13:00 Arrival in Nuremberg

14:00 Visit of VAG Nürnberg
Headquarters and Operations Center GoA4 Metro System

17:50 Brewery Tour
Meeting point: Bergstraße 19, 90403 Nuremberg
(dress for cool temperatures between 8-10°C, wear sturdy shoes)

19:00 Beer Garden Dinner

Tuesday, September 20, 2022

Locations: Nuremberg, Berlin

09:00 Visit of DB Train Museum

13:01 Transfer to Berlin with ICE Highspeed Train
ICE 1004

15:51 Arrival in Berlin Main Station

Individual Leisure Time

Wednesday, September 21, 2022

Location: Berlin

09:00 Visit of InnoTrans 2022, the world's largest trade fair for transport technology

10:00 Start of Guided Tour, IMA Booth (Hall 4.2, #100)

12:00 End of Guided Tour

End of Monorailex 2022

Important addresses

Europa-Park Rust
Europa-Park-Straße 2
77977 Rust, Germany

Hotel Bell Rock
Peter-Thumb-Straße 6
77977 Rust

Phone: +49 7822 8600

Park Inn by Radisson Nürnberg
Sandweg 2-8
90443 Nürnberg

Phone: +49 911 704040

Venue

Europa-Park Rust
Europa-Park-Straße 2
77977 Rust, Germany

Hotel 'Bell Rock'

Peter-Thumb-Straße 6
77977 Rust

	Standard Rates & Booking
single room	201,50 €
double room	259,00 €
booking contact	hotel@europapark.de, +49 7822 860-0
booking code	MONORAILEX
comments	<ul style="list-style-type: none">• call quota ends 19.08.2022• for standard fee rooms in call quota• breakfast included

For parking and directions, you will find detailed information on this website:
<https://www.europapark.de/en/theme-park/info/plan-your-visit/getting-here>

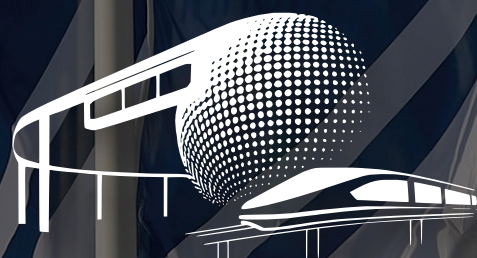
Hotel Nuremberg

Park Inn by Radisson Nürnberg
Sandweg 2-8
90443 Nürnberg

	Rates & Booking
standard room	139,00 €
double occupancy of the room	standard room + 10,00 €
booking options	online: https://www.radissonhotels.com/de-de email: aniko.schuldt@parkinn.com phone: +49 911 70404362 or +49 911 704040
booking code	Monorail
comments	<ul style="list-style-type: none">• breakfast included• call quota ends 05.09.2022

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INTERNATIONAL **MONORAIL** ASSOCIATION

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3627 Heimberg
Switzerland

www.monorailex.org