

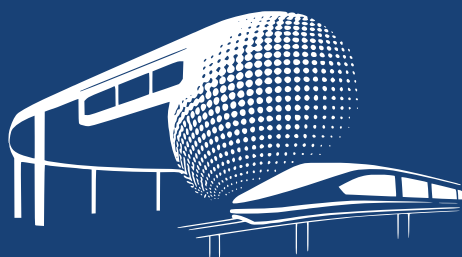


MONORAILEX 2024

Neumarkt/Sengenthal,
Germany

Conference

September 20 - 24, 2024



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

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Invite

The International Monorail Association is excited to invite you to join its 16th annual conference, Monorailex 2024, scheduled to be held in Neumarkt/Sengenthal, Germany on September 20 through 22, 2024 with kind support of Max Bögl followed by a visit to InnoTrans in Berlin, September 24.

Monorailex is the annual conference of the International Monorail Association with its goal to provide a platform to present new research and development of monorail systems and operational findings. This platform targets towards experts involved in transportation planning in communities and metropolitan regions, in the industry as monorail system suppliers, the supply and service industries for vehicles and infrastructure, researchers and operators for mass transportation for an exchange.

The International Monorail Association also welcomes researchers to submit their original articles, which can be of academic or of practical value, to be published for the first time. We seek contributions that illustrate the different transportation systems, and ways to enhance their efficiency and showcase opportunities for empowering citizens in finding solutions in mass transportation.

Monorailex is composed of presentations of scholarly papers and expert lectures sharing their experience with the professional audience.

A special feature of our conference will be again the "Technical Visits" – this year starting already on Friday, September 20 with a tour to Max Bögl's "Transport System Bögl" (TSB) and a visit to the leading trade fair for railway and transport technology "InnoTrans" on Tuesday, September 24.

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.

Venue

Park Inn by Radisson Neumarkt
Nürnberg Strasse 4
92318 Neumarkt

Up-to-date Information

For the latest event updates, please visit our website at www.monorailex2024.org.

Marko Krönke, President

Venue

Conference Hotel

Park Inn by Radisson Neumarkt

Nürnberger Strasse 4
92318 Neumarkt

Phone: +49 9181 8989-540

E-Mail: veranstaltung.neumarkt@provenhotels.com

Schedule of Events

Subject to Change

Annual General Meeting & Technical Visits Day

Friday, September 20, 2024

Location: Max Bögl Conference Center, Sengenthal

- 08:15 Bus transfer to Max Bögl site from hotel 'Park Inn by Radisson Neumarkt'
- 09:00 **Board Meeting** (all IMA Executive Council members)

- 10:15 Bus transfer to Max Bögl site from hotel 'Park Inn by Radisson Neumarkt'
- 10:30 Welcome Coffee (all IMA members)
- 11:30 **Annual General Members Meeting** (all IMA members)

- 13:15 Bus transfer to Max Bögl site from hotel 'Park Inn by Radisson Neumarkt'
- 13:30 Light Lunch Snack (all registered Monorailex conference participants)
- 15:00 **Technical Tour Max Bögl** (all registered Monorailex conference participants)

- 18:00 Bus transfer to conference hotel 'Park Inn by Radisson Neumarkt'

Location: Restaurant W3, Neumarkt (walking distance 15 min. from hotel)

- 19:30 **Welcome Reception**, sponsored (all registered Monorailex conference participants)

Schedule of Events

Subject to Change

Conference Days

Saturday, September 21, 2024

Location: Conference Area, Hotel "Park Inn by Radisson Neumarkt"

08:00 Registration

09:00 Welcome

09:05 Keynote Speech

09:20 **P1** How Systems Integration becomes pivotal in Modern Monorail Projects, *Sener*

09:50 **P2** System Integration Activities for Interfaces Management between Monorail Technologies Systems and Civil Work Infrastructure, *Hitachi Rail STS*

10:20 **P3** The Monorails as a Sustainable Solution to Improve Transport Accessibility and Relaunch the Development of High Congested Metropolitan Areas: the Naples' Eastern District Project in Southern Italy, *Cavuoto, University of Campania & University of Naples*

10:50 Coffee Break, *in the foyer* & In-house exhibition

11:20 **P4** Non-standard Spans for Monorail Elevated Structures, *Sener*

11:50 **P5** Innovative Construction: One-Shot Pouring of 22-Meter Double Expansion Piers and Pier Heads + Lifting Devices/Procedures for Monorail Curved Precast Guide way Beams, *Innova*

12:20 **P6** Optimizing Guideway Beam Deflection in Monorail Systems: A Sensitivity Analysis of Construction Variables and the Role of Observational Teams, *Innova*

12:50 Networking Lunch, sponsored *Restaurant Area Park Inn Hotel*
In-house exhibition

14:20 **P7** Monorail Track Inspection with the Use of Drones, *São Paulo Metro, IPT – Instituto de Pesquisas Tecnológicas do Estado de São Paulo*

14:50 **P8** Integrating Asset Management Systems in Monorail Transportation: A Holistic Approach to Digital Operations & Maintenance and Condition Monitoring, *Remec*

15:20 **P9** Life-Cycle-Costing Models (LCC) Combined with Building Information Modelling (BIM) – How the Monorail Industry Can Profit by a Holistic Implementation Approach, *Drees & Sommer*

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

16:30 **P10** Intelligent Software Development and Test Verification of PC Guideway for Straddle Monorail Transportation, *Beijing Jiaotong University*

17:00 **P11** Alleviating Impacts of Climate Change: Cairo Monorail as a Mitigation Measure, *National Authority for Tunnels (NAT)*

17:30 **P12** IMA WG Passenger Evacuation, *Tüv Süd, International Monorail Association*

18:00 Closing of Day One

Location: *Gasthaus Meisterstück (Hotel Wittmann's, walking distance 5 min. from hotel)*

19:30 Networking Dinner, sponsored

Schedule of Events

Subject to Change

Conference Days

Sunday, September 22, 2024

Location: Conference Area, Hotel "Park Inn by Radisson Neumarkt"

08:00 In-house Exhibition & Networking

09:00 **P13** The Smart Gateway - Innovations in Automated Sliding Doors: Redefining Safety, Monitoring, and Digital Functionality, *artiga*

09:30 **P14** Monorail Tires – an Integral Part of Monorail Systems for Sustainable People Mobility, *Michelin*

10:00 **P15** New "old" Bogies for "Kaiserwagen" of the Monorail System in the City of Wuppertal, *LogoMotive*

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

11:15 **P16** Fingerjoints for Monorails - Current Status and Opportunities, *TüV Süd & Maurer*

11:45 **P17** Bearing the Test – Bearings for Monorail Structures, *MPA Karlsruhe, Karlsruhe Institute of Technology (KIT) & mageba*

12:15 **P18** Monorail in High Seismic Areas, *Hirun International*

12:45 Networking Lunch, sponsored *Restaurant Area, Park Inn Hotel*
In-house exhibition

14:15 **P19** MONOCAB – Novel Monorail Vehicle for Rural Areas, *OWL Monocab*

14:45 **P20** MCX – Mission Critical Communication in Mass Transit, *Funkwerk*

15:15 **P21** A Major Automated People Mover Connection at the Largest South American Airport, *AEROM*

15:45 Coffee Break, *in the foyer* & In-house exhibition

16:30 **P22** Fire Protection System Research in Urban Monorail Transit System, *FOGTEC*

17:00 **P23** Importance of the BIM and Digital Tools in a "Fast Track" Rail/Monorail Project for - Best Practices, *AECOM*

17:30 **P24** IMA WG Planning Guide, *International Monorail Association*

17:50 Closing of Day Two

Location: *Maybach Museum*

18:00 Leave hotel for Visit of Maybach Museum, *walking distance 15 min.*

18:15 Visit of Maybach Museum

Location: *Restaurant Oberer Ganskeller (walking distance 7 min. from Maybach Museum)*

19:45 Closing Dinner, sponsored

Schedule of Events

Subject to Change

Technical Visits Days

Monday, September 23, 2024

Locations: Neumarkt, Berlin

- 10:00 Leave Park Inn Hotel Neumarkt to Rail Station Neumarkt
Train transfer to Berlin (tbc.)
- 10:32 Commuter train S1 to Nuremberg, change in Nuremberg Main Station
- 11:40 High speed train ICE 708 to Berlin Main Station
- 16:22 Arrive in Berlin Main Station

- Individual Leisure Time

Tuesday, September 24, 2024

Locations: Berlin

- 09:30 Meet at InnoTrans IMA booth (hall 4.2, stand 100)
- 10:00 Start of Guided Tour "InnoTrans"
- 12:00 End of Monorailex

Addresses Locations

Max Bögl

Max-Bögl-Straße 1
92369 Sengenthal

W3 Lounge & Restaurant

Ingolstädter Str. 16, 92318 Neumarkt in der Oberpfalz, Germany
Phone: +49 9181 6982489

Gasthaus Meisterstück (Hotel Wittmann's)

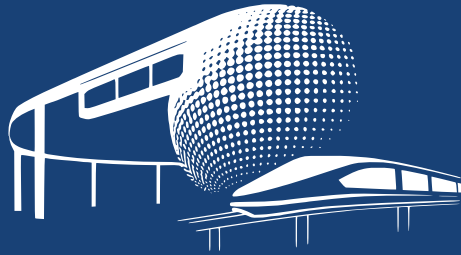
Bahnhofstraße 21, 92318 Neumarkt in der Oberpfalz, Germany
Phone: +49 9181 5330400

Maybach Museum

Holzgartenstraße 8, 92318 Neumarkt in der Oberpfalz, Germany
Phone: +49 9181 4877100

Oberer Ganskeller

Ringstraße 2, 92318 Neumarkt in der Oberpfalz, Germany
Phone: +49 9181 512035



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

MONORAILEX 2024

Neumarkt/Sengenthal, Germany

International Monorail Association

Schützenstrasse 19
3627 Heimberg
Switzerland

www.monorailex.org
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