



Monorailex Call for Papers Topic Navigator

The topics below are intended as suggestions for the wide range of topics that we consider suitable to present with examples at our annual conferences. This list is not exhaustive. We also welcome other exciting presentation suggestions.

1. Innovations/Challenges in Vehicle Technology

- a. New Developments in Monorail Vehicle Technology
- b. New Developments in Sub-systems Technology
- c. Automation and Smart Systems

2. Innovations/Challenges in Civil Engineering and Construction

- a. Guideway
- b. Stations
- c. Infrastructure Elements

3. Planning and Design

- a. Urban Integration of Monorails
- b. Integration with Other Transportation Modes
- c. Environmental Aspects
- d. Safety Considerations in Design

4. Operations and Maintenance

- a. Operational Efficiency of Monorail Systems
- b. Maintenance Strategies
- c. Maintenance Technologies

5. User Experience and Accessibility

- a. Designing for User-Friendliness
- b. Accessibility in Monorail Transportation

6. Industry Evolvement

- a. (Ever-)Changing Collaboration
- b. (Ever-)Changing Engineering
- c. (Ever-)Changing Contracting



7. Environmental Impact

- a. Sustainability of Monorail Systems
- b. Comparative Analysis of CO2 Emissions, Energy Efficiency etc. with other Transport Modes

8. Regulatory Framework

- a. Regulations and Approval Processes
- b. Safety regulations
- c. International Standards for Monorails

9. Applications and Case Studies

- a. Successful Monorail Projects
- b. New Monorail Projects, Line Extensions
- c. Challenges and Solutions in Existing Systems
- d. Trends and Predictions for Monorail Systems

10. Investment and Funding

- a. Procurement and Finance Models
- b. Procurement Methodology
- c. Public-Private Partnerships
- d. Risk Management Techniques, Identifying, Monitoring and Balancing Risk (from various perspectives: owner's, turnkey provider etc.)
- e. Best Practices