



Call for Contributions

Smart Rail Reliability Modelling and Capacity Management Workshop

**March 02-03,
2026**

TUM Science and Research Center
Raitenhaslach

organized by the
Professorship for Design and
Operation of Public Rail Transport Systems
at the Technical University of Munich (TUM)



Call for Contributions

Smart Rail Reliability Modelling and Capacity Management Workshop

The TUM Professorship for Design and Operation of Public Rail Transport Systems organizes a Workshop on Modelling Approaches and Best Practices for Smart Rail reliability Modelling and Capacity Management.

The workshop will cover topics related to performance modelling, robustness and resilience of rail transportation systems, including, e.g.,

- Performance Analysis of Railway Systems
- Delay Pattern Analysis and Prediction
- Metrics and Approaches for Network Capacity Modelling
- Innovative Simulation Approaches
- Rail Service Demand Modelling
- Digital and Technological Advances and their Impact on Reliability and Performance
- Infrastructure and Network Design

We invite both methodological contributions, as well as practice-oriented talks on challenges, best practices and open problems related to the areas mentioned above. By providing a forum to discuss methodological advances as well as open problems in railway operations modelling and analysis the workshop aims to contribute to strengthening the knowledge base, as well as scientific support for solving key problems in railway system analysis.

- Date: 02-03 March, 2026
- Location: TUM Science and Study Center, Raitenhaslach (near Burghausen)
- Costs: The workshop is free of charge; transfer to and from Munich will be organized.
- Accommodation in Burghausen can be reserved via framework agreements with Hotel Glöcklhofer or Hotel Burgblick. For details please contact the Professorship for Design and Operations of Public Rail Transport Systems.

We look forward to receiving your suggestions for contribution.

In case of any questions or further inquiries do not hesitate to contact us at rts@ed.tum.de, or via Telephone: 089-289-10402 (Margit Stötzel)

Information on the workshop will be continuously updated on our homepage [here](#).

