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Nota di contenuto	<p>Intro -- Preface -- Acknowledgements -- Organization -- Conference Chairs, Editors and Keynote Speaker -- Contents -- Supply Chains, Costs and Investments in Times of Multiple Crises -- 1 Continuing Investment Gap Becomes a Brake on Prosperity -- 2 Drivers and Barriers of Investment in Germany -- 3 Influence of the Ukraine War on Investments -- 4 Options for Economic Policy -- References -- I Freight and Public Transport, Demand Modelling, Human Factors and Challenges - with Contributions Presented by the German Road and Transportation Research Association (FGSV) -- Design of a Forecasting Method for Occupancy Rates in Local Public Transport Based on Data from Automatic Passenger Counting Systems -- 1 Introduction -- 1.1 Project Context and Data Collection -- 2 State of Research -- 3 Model Development -- 3.1 Introduction of the Model -- 3.2 Algorithm -- 4 Results -- 4.1 Results of the Long-Term Forecast Model -- 4.2 Results of the Short-Term Forecast Model -- 5 Discussion -- References -- Effects of Cognitive Biases and Their Fuzzy Measure During Freight Transportation -- 1 Introduction -- 2 Cognitive Biases -- 3 Last Mile Delivery -- 4 Cognitive Biases in the Route Choice of Freight Transport -- 5 Fuzzy Measure of Route Expectations (Time and Distance) -- 5.1 User Expectations for the Route -- 5.2 Case Studies for the Distance -- 5.3 Case Studies for the Time -- 6 Simulation -- 7 Conclusion -- References -- Exploring Knowledge Gaps Amongst Key Actors in the Transition Towards an Electrified Freight Transport System in Sweden -- 1 Introduction -- 2 Transition to an Electrified Transport System and the Importance of Knowledge and Key Actor Structure -- 3 Method -- 3.1 Research Design -- 3.2 Scope and Delimitations -- 3.3 Data Collection and Data Analysis -- 4 Results -- 4.1 Transport Companies -- 4.2 Shippers -- 4.3 Vehicle Manufacturers. -- 4.4 Energy Sector -- 4.5 Upcoming and Emergent Actors -- 4.6 Property Owners -- 4.7 Public Authorities -- 5 Discussion -- 6 Conclusions -- References -- First Mile Challenges for Agricultural Logistics -- 1 Introduction -- 2 Methodology -- 3 Results -- 3.1 First Mile Challenges for Agricultural Logistics -- 3.2 Evidence Scores of First Mile Challenges of Agricultural Logistics -- 4 Discussion -- 5 Conclusions -- References -- Microscopic Agent-Based Parcel Demand Model for the Simulation of CEP-Based Urban Freight Movements to and from Companies -- 1 Introduction -- 2 Literature Review -- 3 Data -- 3.1 Literature-Based Data Sources -- 3.2 Expert Interviews -- 3.3 OpenStreetMap Data -- 4 Modeling Approach -- 4.1 Concept -- 4.2 Agent-Based Travel and Freight Demand Modeling Framework -- 4.3 Integrating Companies as Recipients and Shippers into LogiTop -- 5 Results and Discussion -- 6 Conclusion -- References -- Cargo Bikes and Freight Transport -- Cargo Bikes in Transport Logistics Review of User Requirements and Related Bike Models -- 1 Introduction and Motivation -- 2 Methodical Procedure -- 3 Development of the Tool -- 3.1 Development of the Survey Instrument -- 3.2 Transfer of Collected Data into the Weighted Sum Model -- 4 Validation of the Tool -- 5 Conclusion and Outlook -- References -- Delivery and Shipping Behaviour of Commercial Freight Demand of Logistics Service Providers - An Empirical Study for Berlin -- 1 Introduction -- 2</p>

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Sommario/riassunto

This book reports on recent research and developments at the interface
 between the areas of production, logistics and traffic. Gathering the
 proceedings of the 6th ICPLT, held on March 22-23, 2023, at TU
 Dortmund University, in Germany, this volume gives a special emphasis
 to theories, trends and technologies for planning and operating freight
 transport systems in a sustainable and resilient way. The twenty-two
 contributions included in this book cover algorithms, models, and
 experimental methods to addresses challenges and knowledge gaps
 relating to traffic flows and logistic processes. They also report on
 advanced technologies, human factors research and strategies that
 should help better understand the interdependencies and conflicts of
 interest in the field of production, logistics and traffic, and to develop
 feasible solutions. All in all, this book provides a timely snapshot of
 research and developments concerning freight and public transport,
 cargo bikes, maritime and rail transport, electrical and hydrogen
 vehicles, simulation and optimization in production and logistics,
 production and supply chain management, sustainable logistics, and
 intralogistics and automation. It offers extensive information to
 researchers, engineers and other professionals, and public authorities
 that are active in all the above- mentioned fields. .
