Past bachelor and master thesis topics

MA	The impact of COVID-19 on Supply Chain Disruption Management and its practical and theoretical solutions
MA	Machine Learning in the Supply Chain & Logistics
BA	Material requirements planning and warehouse management of raw materials - case study from plastic processing
BA	Dynamic Vehicle Routing Problems - models and reallity
BA	A comparison of lot sizinbg models - Finding the best solutions for capacitated lot sizing problems
BA	Single Level Capacittated Lot Sizing Problem and its Heuristics
BA	Startups in times of uncertainty - the impact of COVID-19 in global supply chains
MA	Transportation Planning considering CO2 emissions
BA	The flexibility of the production and supply chains in the automotive industry exemplified by ther corona pandemic
MA	Greedy construction heuristic for the multi-level capacitated lot-sizing problem
MA	Promoting flexibility for the multi level capacitated lot sizing problem (MLCLSP) using the lexicographic method
BA	Logistics 4.0 - Technological trends and their impact on the supply chain
MA	Comparative Study of Evalutiernary Algorithims to salva the multiobjective Traveling Salesman Problem
BA	The log-haul transportation problem: The cost optimal routing with multiple products
MA	Auctions as collaboration tool in freight transportation
BA	Optimization of outbound logistics of a hospital
MA	Metaheuristics for the capacitated lot sizing problem
BA	Potential of digitization and artificial intelligence in supply chains
MA	Quantifying benefits effects for considering stochastic demand in lot sizing problems
BA	Storage assignment policies in automated storage systems
BA	Capacitated vehicle routing problem and its solution approaches
BA	Applications of Blockchain Technology in Supply Chain Management
BA	The digital implementation of supplier categorization- and assessment methodologies by using machine learning
BA	Supply Chain Contracts
BA	Possible applications of blockchain technology in the supply chain industry
MA	Analysis and optimization of the replenishment process for the MIYAWAKI GmbH
BA	Sustainability in food supply chain management
MA	Routing for last mile delivery of advertising papers
BA	Machine learning in supply-chain-management
BA	Network analysis demonstrated on the production of an advertising newspaper
MA	Construction heuristics for capacitated lot-sizing problems
MA	Swarm Intelligence for Routing Problems - A Comparison and Computational Implementation of Metaheuristic Algorithms Using the Example of the TSP
BA	Function and adoption of the blockchain technology in relation to the supply chain
BA	Procurement optimization though auctions
BA	In what form and to what extent can machine learning, with particular attention to Clustering, be used in the supply chain?
BA	Swarm Intelligence in the logistics

MA	A Decomposition Heuristic for the Supply Vehicle Routing and Lot Sizing Problem
MA	Swarm Intelligent Systems in th logistics
BA	City Logistics in Latin American mega cities
BA	Methods of Anticipation in Hierarchical Production Planning
BA	City Logistics in Asian metropolises
MA	Cell formation and Worker Assignment in cellular manufacturing systems: an integrated approach
MA	Bin Packing with Item Fragmentation
BA	Procurement through auctions
MA	The Blockchain Technology and its application in the Supply Chain
BA	City Logistics - Challenges and Solution Approaches
MA	Balancing demand and supply for bike sharing systems
MA	A Framework for Testing Lot-Sizing Models under Uncertain Demand
MA	Solution algorithms for the dynamic routing problem
MA	On the Benefits of Integrated Demand Forecasting and Inventory Optimization ina Newsvendor Setting
MA	Recent Trends in Metaheuristics
BA	Swarm Intelligence for Logistics: Review and Classification of Nature-inspired Metaheuristics
BA	Hub-configuratin in Parcel and Airline Networks: How can hub-and-spoke-systems be optimized?
BA	The integrated cutting stock and lot sizing problem
MA	A construction heuristic for the stochastic capacitated lot sizing problem
MA	Classification and Analysis of Logistics Networks with the purpose of developing an effective network-anonymization algorithm
BA	The Dynamic Vehicle Routing Problem
BA	Dealing with uncertainty in humanitarian logistics
BA	The Multi-depot Vehicle Routing Problem (MDVRP)
MA	Greedy construction heuristics for the Capacitated Lot Sizing Problem
MA	Distribution and inventory strategies in Supply Chains
MA	Card-based control mechanisms in dynamic production environments: an assessment by simulation
MA	Demand Planning of Nike Soccer Replica Jerseys Using a newsvendor Model and a Lot-Sizing Optimization with CPLEX
BA	Generating demand fore casts using qualitative methods
BA	Coordination in Humanitarian Supply Chains
BA	Performance Indicators for Supply Chains
BA	Material Requirement Planning under uncertainty with Fuzzy logic
MA	Optimization of the storage strategy at myToys
BA	Problems and solutions for the Operation of E-Car-Sharing-Systems
BA	Reducing nervousness in production - Schedules with rolling planning horizons
BA	Joint production planning and pricing of perishable goods
MA	Lot sizing of perishable food considering the consumer purchasing behavior
BA	Lot-Sizing with production time windows
BA	Sustainable Food Manufacturing

MA	Tight formulations for the multi-level capacitated lot-sizing problem
BA	Project Scheduling under uncertainty review and classification of methods
BA	Project Scheduling with constraints - methods to solve the resource constrained project scheduling problem
BA	Supply Chain Contracts
BA	Route planning with hard time windows - Analysis of selcted approaches
MA	Capacitated lot sizing under demand uncertainty
MA	Integrated forecasting and inventory management
BA	Methods of personnel scheduling using the example of Bäckerei Dreißig
MA	A multi-phase metaheuristic for examination scheduling problems
MA	Optimization of a Returnable Packaging System in the Automotive Supply Chain
BA	Sustainable Supply Chain Management
BA	The capacitated lot sizing problem: A heuristic solution
BA	Warehouse design
BA	Infield logistics for harvest operations
BA	Challenges in Humanitarian Logistics
BA	Industry 4.0 and its impact on the (planing)Concepts of Supply Chain Management
BA	Evaluating and selecting logistics service providers in the online retail industry
BA	Relocation strategies for car-/bikesharing systems
BA	Operations Research Methods and Models as Support for Humanitarian Logistics
BA	Hub Location Problems
BA	The impact of E-Commerce on warehouse logistics using the example of an online electronics retailer
MA	Solution approaches to the capacitated Lot Sizing Problem considering setup times
MA	Simulation of the Container Stacking Area of the Eastgate Terminal
BA	The Container Stacking and Reshuffling Problem
BA	Selected heuristic for the capacitated lotsizing problem
BA	Lot-sizing with production time windows
BA	Impact of Industry 4.0 on Manufacturing and Logistic Processes
MA	A genetic algorithm with strong local searches for the team orienteering problem with time windows.
MA	Peer-to-Peer-Carsharing - An analysis of the awareness and acceptance of Peer-to-Peer-Carsharing in Berlin
BA	Forecasting Methods: An Analysis of Selection Criteria
MA	Overcoming operational challenges in startup businesses
MA	Examination Timetabling
BA	Lot Sizing Problems with Returns and Remanufacturing
BA	Capacitated Lot Sizing Problem - an overview of selected heuristics
BA	Extensions and applications of the Economic Lot Scheduling Problem
BA	Collaborative Planning in Supply Chains for enterprise-spanning corrdination and reduction of the bullwhip effect on the basis of SAP software
BA	Solution approaches of the Economic Lot Scheduling Problem
MA	The evolution of linear programming and a status quo comparison of commercial solver software