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Soggetti	Technology - Sociological aspects Information technology Information and Communication Technologies (ICT) Logística industrial Sistemes d'informació Programes d'ordinador Congressos Llibres electrònics
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Nota di contenuto	Maritime and Port Logistics -- Hybrid Berth Allocation for Bulk Ports with Unavailability and Stock Level Constraints -- A self-adaptive hybrid search technique with its application to the quadratic semi-assignment, and berth allocation problems -- The Continuous Multi-port Berth Allocation Problem with Speed Optimization -- Optimization of a Ship-based Logistics System for Carbon Capture and Storage -- A Linear Time Algorithm for Optimal Quay Crane Scheduling -- Impact of Rubber-Tired Gantry Crane Dimension on Container Terminal Productivity -- Vehicle Routing and Urban Logistics -- Fleet Size Control in First-mile Ride-sharing Problem -- ILS-RVND algorithm for Multi-trip Pickup and Delivery Problem, with Split Loads, Profits and Multiple Time Windows -- The Biobjective Consistent Traveling Salesman Problem -- Optimized dispatch of fire and rescue resources

-- Industrial waste collection optimization: a real-world case study in Northern Italy -- Solving a School Bus Routing Problem in Rural Areas: An Application in Brazil -- Hinterland intermodal transport routing as an added value tool for port community systems: a Colombian case study -- Integrated path planning and task assignment model for on-demand last-mile UAVbased delivery -- Dynamic Time Slot Pricing using Delivery Costs Approximations -- The Green Sequencing and Routing Problem -- The Long-haul Transportation Problem with Refueling Deviations and Time-dependent Travel Time -- The Dynamic Drone Scheduling Delivery Problem -- Integrating clustering methodologies and routing optimization algorithms for last-mile parcel delivery -- Warehousing and Location -- SLAPStack: A Simulation Framework and a Large-Scale Benchmark Use-Case for Autonomous Block Stacking Warehouses -- Locating hydrogen production in Norway under uncertainty -- Oblivious Stacking and MAX k-CUT for Circle Graphs -- How can a refrigerated warehouse be used to store energy? -- CrossLog: Automatic Mixed-Palletizing for Cross-Docking Logistics Centers -- Supply Chain and Production Management -- A framework on centralised to decentralised logistics control structures applied in two case studies -- Risk-Aware Procurement Optimization in a Global Technology Supply Chain -- Freight Costs Versus Service Level: Optimizing the Distribution of a Materials Trader -- Reference model for data-driven supply chain collaboration -- Heuristics for single-item dynamic lot-sizing with rework of internal returns -- A Carbon-Aware Planning Framework for Production Scheduling in Mining -- Multi-shift Worker Assignment Problem with a Heterogeneous Workforce in Semiautomated Electronics Production.

Sommario/riassunto

This book constitutes the refereed proceedings of the 13th International Conference on Computational Logistics, ICCL 2022, held in Barcelona, Spain, in September 2022. The 31 papers presented in this volume were carefully reviewed and selected from 64 submissions. They were organized in topical sections as follows: Maritime and Port Logistics; Vehicle Routing and Urban Logistics; Warehousing and Location; Supply Chain and Production Management.
