List of Accepted Papers for ISS2019

(This information is tentative and subject to change in the final program.)

Title	Author(s)
Predictive-reactive rescheduling for minimizing the mean flow time in stochastic and dynamic permutation flow shop using genetic algorithms	Cristian Camilo Huertas Huertas and Johana Guzmán Ruiz
Optimization of a production-inventory system with consideration of quality failure and rework	Rubayet Karim and Koichi Nakade
Recycling solutions for vertex coloring heuristics	Yasutaka Uchida and Kazuya Haraguchi
Resilient nurse scheduling problem	Motoki Yoshida, Tenda Okimoto and Katsutoshi Hirayama
The covering Chinese postman problem	Rafael Kendy Arakaki and Fabio Luiz Usberti
Finding clues for solving a complex dual resource constrained scheduling problem using a developed matheuristic	Muhammad Akbar and Takashi Irohara
A prototype subject-classroom assignment support system - A case study at Nanzan University -	Aino Ohnishi and Atsuo Suzuki
Cooperative game theory approach to resource matching in crowdsourced manufacturing	Takafumi Chida, Toshiya Kaihara, Nobutada Fujii and Daisuke Kokuryo
An iterative ILP-based algorithm for the prize-collecting TSP	Tsuyoshi Saito and Aleksandar Shurbevski
Makespan minimization scheduling for a truck-drone parcel delivery system: An integer programming formulation	Yoshiyuki Karuno and Kosuke Mishima
Heuristic performance of greedy solutions for a lexicographic bi-criteria mixture packaging of two types of items with bounded weights	Yoshiyuki Karuno and Oki Nakahama
An approximate optimal ordering policy for products with multiple deliveries and disposals	Koichi Nakade and Ryo Terashima
Application of scatter search for scheduling problem with crane intereference	Takashi Tanizaki, Yuto Masuda and Hideki Katagiri
Optimal planning of air-conditioner configuration by local search using sparse estimation and extreme statistics	Haruki Inoue, Yuta Izumi and Hiroshi Morita
Analysis of evolutionary stability of just-in-time purchasing	Ziang Liu and Tatsushi Nishi
Cooperative maximal covering location problem - A core based profit allocation approach -	Roghayyeh Alizadeh and Tatsushi Nishi
Stochastic programming with nonlinear recourse by piecewise linearlization - Application to operation to power plant -	Tomoki Fukuba, Masato Dei, Takayuki Shiina, Ken-Ichi Tokoro and Tetsuya Sato
Effect of planned transshipment and vendor managed inventory contract in decentralized supply chain	Tomoki Oshima and Aya Ishigaki
Probability of a player either dominating or making a comeback in a tennis-like sports match	Kengo Hamada and Ken-Ichi Tanaka
Optimization model for floor layout planning considering zoning	Yuki Munemasa, Yudai Honma and Ayumi Mukai
Routing and fare distribution for taxi ride-sharing with little dissatisfaction	Ken Watanabe, Shota Minami and Maiko Shigeno
Optimal scheduling of tunnel maintenance for leveling annual cost	Ayaka Yamamoto, Hiroshige Dan and Hiroaki Tanaka-Kanekiyo
A case study on route planning for vehicles to improving loading efficiency	Naoto Kimura, Maiko Shigeno, Ushio Sumita, Sota Usui, Ken Watanabe, Ryo Watanabe and Wenda Zhang
Warehouse layout design considering picking frequency using agent-based simulation	Erika Tajima, Aya Ishigaki, Masaaki Suzuki, Masato Hamada and Wataru Kawai
Simulation of composite shadow by multiple buildings	Hiroko Watanabe, Yudai Honma, Kentaro Honma and Kotaro Imai

Title	Author(s)
Optimization model for emergency vehicle allocation with integration of dispatch	You Zhao and Hiroshige Dan
Selecting a series of machine subsets with moderate changing	Naoyuki Fujita, Yoshiyuki Karuno and Ryota Yoshii
Optimization models for shelter site location in the event of volcanic eruption	Ken-Ichi Tanaka and Shigeki Toriumi
Rehabilitation staff scheduling in senior daytime care facility considering physical and mental workloads	Ryohei Matsumoto, Tetsuo Yamada, Yong-Hong Kuo and Masato Takanokura
A new model of the periodic vehicle routing problem with flexible delivery dates and its evaluation	Hang Dong, Yosuke Takada, Wei Wu and Mutsunori Yagiura
A new lower bound based on the longest increasing subsequence for the restricted block relocation problem with distinct priorities	Shunji Tanaka
Mid-term planning of radiographer scheduling problem	Toshiyuki Miyamoto and Kuniyuki Hidaka
Scheduling method based on particle swarm optimization including simultaneous multiple assignments of works and workers	Masahiro Arakawa and Yang Yan
A general vehicle routing problem and an effective heuristic algorithm for the location routing problem	Hideki Hashimoto and Yannan Hu
On the complexity of the gear placement problem	Vitor Hama, Shogo Kanazawa, Yannan Hu, Shinji Imahori, Hirotaka Ono and Mutsunori Yagiura
A 108/13-approximation algorithm for L(2,1)-labeling of unit disk graphs	Hisato Yamanaka and Hirotaka Ono
Optimal pickup-point selection for the selective pickup and delivery problem with time-window constraints	Yosuke Takada, Masaru Shimazaki, Yannan Hu and Mutsunori Yagiura
On a graph-based formulation for shift rostering	Janny Leung, David Lai, Wout Dullaert and Ines Marques
Robust p-hub median problems	Mihiro Sasaki, Takehiro Furuta and Akihiro Hattori
Construction of IoT-based smart factory system and data-oriented casting parameter relationship	Park Sangwoo and Hwang Seonmin
APS development based on A.I. event simulation in semiconductor process	Sangwoo Park, Jinyoung Won and Seonmin Hwang