IWUOR2019 Program

7/19	10:15 ～ 10:30	Opening Session
	10:30 ～ 12:00	Session F1　Urban Planning I
		Visualizing Tourism Flow Data Using Second-order Cone Optimization Rintaro Ujihara, Ken-ichi Tanaka, Shigeki Toriumi
		Statistical Data Analyses for Investigating Recent Major Earthquakes and Mitigating their Damages in Japan Yuji Kawase, Tatsuo Oyama
		Safe and Comfortable Built Environment of Physical Activity on the Sideways of Urban Area Yumeng Huang, Tsutomu Suzuki
		Analysis of Route Crossing and Merging in Grid Road Network Model by Scheduling Problem Hidetoshi Miura, Shinya Kashiwagi
	12:00 ～ 13:15	Lunch
	13:15 ～ 14:45	Session F2　Network
		Spatial Analysis on Accuracy of Travelling Distance on Network Dai Zhong, Kazuki Tamura, Yoshiaki Ohsawa
		Location of Railway Stations to Maximize the Number of People Accessible to a Given Station within a Fixed Time Limit Sakie Kosugi, Ken-ichi Tanaka
		Risk Analyses of Evacuation Guidance of Real-Time Route Updating Based on Incomplete Information under Post-Earthquake Fires Yuta Suzuki, Eiichi Itoigawa
		The Pickup Problem with Continuous Origin-Destination Demands on a Network Ken-ichi Tanaka, Kazuki Tanno
	14:45 ～ 15:00	Coffee Break
	15:00 ～ 16:30	Session F3 Urban Planning II
		A Quantitive Comparative Analysis of the Policies Inducing New Residents to Choose Rental Housings at Lower Disaster Risks Haruki Kubota, Yu Hiroi, Takaaki Kato
		Effects of Composite Shadows on City Blocks by Multiple Buildings Hiroko Watanabe, Yudai Honma, Kentaro Honma, Kotaro Imai
		Urban Innovation, Sanitation Facilities and Smart Cities:Case Study of Allahabad City, India Arun Pratap Mishra
		Decision Making in Line Planning and Timetabling for Urban Metro Networks Justo Puerto
	17:00 ～ 18:00	Reception at Campus Cafeteria 1Shoku
7/20	9:30 ～ 10:40	Session Sa1 Application of Location Theory I
		Feature Analysis of Station Distribution in Public Bicycle System Based on Web Crawler Massive Data Jing Feng, Tsutomu Suzuki
		Identifying Accident Locations in Ambulance Trajectories Rudramoorthi Thangaraj, R K Amit
		Two-stage Maximal Covering Problem for Locating Drone Bases with Uncertain Conditions Hozumi Morohosi, Takehiro Furuta
	10:40 ～ 10:55	Coffee Break
	10:55 ～ 12:05	Session Sa2 Location Theory I
		Solving a Stackelberg Location Problem on Networks with Continuous and Discrete Variables Kristóf Kovács, Boglárka G.-Tóth
		Finding the Minumum Effect Point in an Area with Existing Facilities Atsuo Suzuki
		Determining the Number of Facilities in Covering Location Problems Masashi Miyagawa
	12:05 ～ 13:20	Lunch
	13:20 ～ 14:50	Session Sa3 Transportation
		Analytical Rideshare Model by Considering Locations of Drivers and Passengers Junyan Ouyang, Yoshiaki Ohsawa
		Embrace Mixed Traffic with E-bikes?: Road Space Reallocation Scenarios in a Multi-agent Model Liling Liu, Tsutomu Suzuki
		Robustness of Traffic Networks Focusing on Spatial Relationships of Multiple Routes Yudai Honma, Motoki Tajima
		Vehicle Routing Problem with Alternative Delivery Options and Customer Preferences Dorian Dumez, Fabien Lehuédé, Olivier Péton
	14:50 ～ 15:05	Coffee Break
	15:05 ～ 16:35	Session Sa4 Miscellaneous Topics in Urban Operations Research
		Economic Analysis of Capacity Market -Competitive Equilibrium and Market Power- Sota Terao, Mari Ito, Ryuta Takashima, Naoki Makimoto
		Multinational Corporate Global Supply-chain Strategies under Domestic and Foreign Tax Credit System Shota Kuroda, Mari Ito, Ryuta Takashima, Yihsu Chen
		Analysis of Streetscape Differences Based on Image Processing Tomoaki Fukuzumi, Yudai Honma
		Point-to-point Based Airline Network Design in a Competitive Environment Jinha Hibino, Takehiro Furuta, Mihiro Sasaki
	17:30 ～ 20:00	Banquet at KISOJI

7/21	9:30 ～ 10:40	Session Su1 Application of Location Theory II
		Evaluating the Social Cost of Nuclear Energy with Public Opinion Naoya Kihara,Ryuta Takashima,Mari Ito,Noriaki Sakai,Nathuki Nagata, Yumiko Kawasaki,Takeshi Iimoto
		A Covering-type Location Model to Determine the Number and Location of Garbage Stations -A Case Study in Minamata City, Kumamoto Prefecture- Qiannan Zhuo, Koki Ogai, Ken-ichi Tanaka, Wanglin Yan
		Ambulance Location Problem for Nagoya Keisuke Inakawa
	10:40 ～ 10:55	Coffee Break
	10:55 ～ 12:25	Session Su2 Location Theory II
		Traffic Volume Estimation via Path Packing Shungo Koichi
		The Complete P-Center Problem: A Planning Tool for Urban Location Coverage Optimization F. Antonio Medrano
		The Value of Facility Availability Information in the Context of Movement Distance Takamori Ukai
		Optimal Location, Sizing, and Pricing under Congestion and Elastic Demand Dmitry Krass, Oded Berman
	12:25 ～ 13:40	Lunch
	13:40 ～ 15:10	Session Su3 Location Theory III
		Visualization of Implied Boundary Focusing on Flow Matrix Atsushi Shirahama, Yudai Honma
		A Continuous Districting Model Focusing on Intra- and Inter-zonal Squared Distances Keitaro Morimoto, Ken-ichi Tanaka
		A Benders Decomposition for the Ordered Median Tree of Hubs Location Problem Miguel A. Pozo, Antonio M. Rodríguez-Chía, Justo Puerto
		Ignoring the Obvious: What about Close-to-optimal Solutions in Spatial Optimization? Richard L. Church
	15:10 ～ 15:25	Closing Session