

**「都市のOR」ワークショップ 2017 プログラム**  
**Urban Operation Research Workshop 2017 Program Schedule**

12月9日(土) 南山大学名古屋キャンパスR棟 (Saturday, December 9th, 2017)

Room : R49 (4th floor, Building R)

13:00-13:10	<b>Opening Session</b>	
13:10-14:30	<b>Special Session 1</b> <span style="float: right;">Chair: Mihiro Sasaki</span>	
	About Special Sessions: Invited talks and the celebration for Professor Atsuo Suzuki's 60th birthday (KANREKI 還暦)	Mihiro Sasaki (Nanzan University)
	Applications of operations research in health services	*Mari Ito (Tokyo University of Science)
	Reasonable location of base hospitals for air ambulance	*Takamori Ukai (National Defense Academy), Ken-ichi Tanaka, Tomoatsu Tsuji, Sadaki Inokuchi
	Territorial districting models for the reorganization of postal services	*Giuseppe Bruno (University of Naples Federico II), Manuel Cavola, Antonio Diglio, Carmela Piccolo
14:30-14:50	Coffee Break	
14:50-16:00	<b>Special Session 2</b> <span style="float: right;">Chair: Daisuke Watanabe</span>	
	Ambulance location and relocation problem for Nagoya City	*Keisuke Inakawa (Akita Prefectural University)
	A robust optimization model for ambulance location problem	*Takehiro Furuta (Nara University of Education), Hozumi Morohosi
	Urban operations research for sustainable systems	*Alan Murray (University of California, Santa Barbara)
16:00-16:20	Coffee Break	
16:20-17:40	<b>Special Session 3</b> <span style="float: right;">Chair: Ken-ichi Tanaka</span>	
	Modeling of traffic crossings in grid-type networks	*Hidetoshi Miura (Nanzan University), Tsutomu Suzuki
	Big triangle small triangle method for the Weber problem with obstacles	*Atsuo Suzuki (Nanzan University)
	Lines, timetables, schedules: integrated planning in public transportation	*Anita Schöbel (Universität Göttingen)
18:30-20:30	懇親会 (場所: サーウィンストンホテル 3階 メゾン・ド・フルール) Conference dinner at Sir Winston Hotel (Room: Maizon de Fleur on 3rd Floor)	

12月10日(日) 南山大学名古屋キャンパスR棟 (Sunday, December 10th, 2017)

Room : R49 (4th floor, Building R)

		General Session 1	Chair: Masashi Miyagawa
09:30-10:45	Investments in power generation and transmission under uncertainty	*Kazuya Ito (Tokyo University of Science), Ryuta Takashima, Makoto Tanaka	
	The impact of forward contracts on market equilibrium in renewable energy policy	*Ryo Ito (Tokyo University of Science), Mari Ito, Ryuta Takashima	
	Quantifying applicability of e-bike based on comparative evaluation of convenience with bicycle and public transport	*Liling Liu (University of Tsukuba), Tsutomu Suzuki	
	Routing applications in optical access network	*Hiromichi Yamada (Kozo Keikaku Engineering Inc.)	
	Flow capturing location problem with probabilistic demand coverage	*Ken-ichi Tanaka (Keio University), Osamu Kurita	
10:45-11:00	Coffee Break		
		General Session 2	Chair: Keisuke Inakawa
11:00-12:30	病院の最適設計ツールの作成に向けて Toward to make a hospital tool for optimal design	*市原 寛之 (南山大学), 鈴木 敦夫 *Hiroyuki Ichihara (Nanzan University), Atsuo Suzuki	
	個別指導塾におけるスケジューリング問題 A scheduling problem for private-tutoring schools	*北村 将祥 (慶應義塾大学), 田中 健一 *Masayoshi Kitamura (Keio University), Ken-ichi Tanaka	
	投票定理を用いたサッカーにおける圧勝確率の計算 Application of the ballot theorem to calculate the probability of overwhelming victory for football games	*濱田 賢吾 (慶應義塾大学), 田中 健一 *Kengo Hamada (Keio University), Ken-ichi Tanaka	
	建物景観の規制の強さに関する調査研究 ～既存不適格建築物と移動体色彩の視点から～ Study for townscape regulations from a standpoint of existing non-conformed buildings and the color of cars	*高瀬 陸 (筑波大学), 大澤 義明 *Riku Takase (University of Tsukuba), Yoshiaki Osawa	
	地方都市の情報発信においてYouTubeは有効であるか ～動画投稿型インターネットメディアの台頭を踏まえて～ The advantage of YouTube in transmitting information	*高木 力貴也 (筑波大学), *Rikiya Takagi (University of Tsukuba),	
	ブルー・オーシャン戦略に基づくKIPの実践的展開に向けた予備的研究 A preliminary study for practical development of KIP based on Blue Ocean Strategy	*加藤 淳一 (久留米大学) *Junichi Kato (Kurume University)	
12:30-13:30	昼食 Lunch		

		<b>General Session 3</b>	Chair: Norimitsu Ishii
13:30-15:00	タイ-マレーシア間における貨物鉄道の衝撃解析 Shipping environment on freight railway between Thailand and Malaysia	*柳田 真志 (東京海洋大学), 渡部 大輔 *Masashi Yanagida (Tokyo University of Marine Science and Technology), Daisuke Watanabe	
	ソーラー充電と車車間非接触受給電による地方交通スマートシステム Traffic system by solar battery and non-contact charging system	*若林 優妃 (筑波大学), 大澤 義明 *Yuki Wakabayashi (University of Tsukuba), Yoshiaki Osawa	
	交通容量推定式に基づくラウンドアバウトの最適な環道半径について The optimal radius of roundabouts based on the traffic capacity estimation formula	*藤田 修悟 (慶應義塾大学) *Shugo Fujita (Keio University)	
	右折を禁止した交通の移動効率性 Movement efficiency of traffic forbidden to turn right	*小又 暉広 (筑波大学), 大澤 義明 *Akihiro Komata (University of Tsukuba), Yoshiaki Osawa	
	ライドシェアは地方モビリティ確保の 救世主と成り得るか Possibility of ride sharing in rural areas	*長 晃 (筑波大学) *Cho Akira (University of Tsukuba)	
	地方自治体の長期的公共インフラ管理政策立案とOR的手法の活用についての考察 - 愛知県 の橋梁管理を例として - Policy planning of long-term public infrastructure management and operations research approach: a case study of bridge management in Aichi prefecture	*杉本 淳 (愛知県), 井川 博, 荒川 俊也, 土谷 隆 *Jun Sugimoto (Aichi Prefectural Government), Hiroshi Ikawa, Toshiya Arakawa, Takashi Tsuchiya	
	15:00-15:15	Coffee Break	
		<b>General Session 4</b>	Chair: Takafumi Kobayashi
15:15-16:45	国分寺市における消防活動用地図の電子化の取り組み Efforts to digitize the map for firefighting activities in Kokubunji City	*藤田 信輔 (東京海洋大学), 渡部 大輔 *Shinsuke Fujita (Tokyo University of Marine Science and Technology), Daisuke Watanabe	
	レーダーチャートの誤差に関する地理的考察 Geographical consideration on error of radar charts	*竹中 太基 (筑波大学), 大澤 義明 *Taiki Takenaka (University of Tsukuba), Yoshiaki Osawa	
	個人情報保護と時空間データ精度確保 Trade-offs between protection of personal information and precision of data	*難波 洸子 (筑波大学), 大澤 義明 *Hiroko Namba (University of Tsukuba), Yoshiaki Osawa	
	扇形におけるSylvesterの4点問題の施設配置への応用 Fan-shaped Sylvester 4 point problem and its application to facility arrangement	*四衛 深 (筑波大学), 大澤 義明 *Jin Yotsutsuji (University of Tsukuba), Yoshiaki Osawa	
	格子状網を有する任意の多角形領域における総歩行者数の導出 Deriving the pedestrian traffic volume in an arbitrary convex polygon with rectilinear distance	*御前 汐莉 (慶應義塾大学), 田中 健一 *Shiori Misaki (Keio University), Ken-ichi Tanaka	
	面的施設の配置と形状の決定問題 Optimal location and shape of a facility	*小貝 洗希 (慶應義塾大学), 田中 健一 *Koki Ogai (Keio University), Ken-ichi Tanaka	
16:45-16:55	<b>Closing Session</b>		