

# ◆ IWUOR プログラム

## ◇ 11月 27日 (木曜日)

オープニング セッション	
10:40 - 10:55	<b>開会挨拶</b> Masanori Fushimi, Nanzan University
	<b>Brief History of Urban Operations Research in Japan</b> Takeshi Koshizuka, University of Tsukuba
セッション 1 『Facility Location Model I』 , Chair : Tatsuo Oyama	
11:00 - 12:30	<b>Location Problems with Realistic Distance Measures</b> Kathrin Klamroth, University of Erlangen-Nuremberg
	<b>Multi-service Facility Location Models: Focusing Trade-off between the Fixed Cost and the Travel Cost</b> Tsutomu Suzuki, University of Tsukuba; M. John Hodgson, University of Alberta
	<b>On Pigs and Men</b> Dominique Peeters, Universite Catholique de Louvain
昼食 ( 12:30 - 13:30 )	
セッション 2 『Transportation』 , Chair: Mohan Krishnamoorthy	
13:30 - 15:00	<b>An Analysis of Regional Connection Structure Based on Long Distance Travel Data in Japan</b> Hidetoshi Miura, Meikai University
	<b>Traffic Flow Distribution with Various Travel Speed</b> Shou Ohtsu, Otaru University of Commerce
	<b>Simulation Model to Analyze Delay in Commuter Train Schedule</b> Azuma Taguchi, Yukihiro Nakamura, Chuo University
休憩 ( 10分 )	
セッション 3 『Student Session I』 ,	

Chair: Kathrin Klamroth	
15:10 - 15:50	<b>Allocating Alternative Fueling Facilities as a Way of Fighting Air-Pollution (Cairo, Egypt)</b> Mohamed Ahmed; Yoshiaki Ohsawa; Haruo Ishida, University of Tsukuba
	<b>Probability of Infection with a Virus in City Space</b> Yuki Sakagami; Takeshi Koshizuka, University of Tsukuba

◇ 11月 28日 (金曜日)

セッション 1 『Optimizing Theory and Its Applications to UOR』 , Chair: George Wesolowsky	
9:30 - 11:00	<b>Evaluation of Fire Station Location Using Multi-criteria Decision Making (MCDM) Method</b> Yeong Kim, Gyeongsang National University
	<b>Global Optimization Method for Solving the Minimum Maximal Flow Problem</b> Yoshitsugu Yamamoto, University of Tsukuba
	<b>On the "Extreme" Difficulty for Solving Practical Discrete Optimization Problems</b> Tatsuo Oyama, National Graduate Institute for Policy Studies
休憩 ( 10分 )	
セッション 2 『Student Session II』 , Chair: Dominique Peeters	
11:10- 12:10	<b>One-Dimensional Minimax Regret Facility Location with Probabilistic Demands</b> Junji Kubota, Tsutomu Suzuki, University of Tsukuba
	<b>Difference of Municipality Consolidation Plan among Prefectures</b> Naoya Ozaki, Yoshiaki Ohsawa, University of Tsukuba
	<b>An Optimal Hierarchical Logistics System Using Continuous Approximations</b> Daisuke Watanabe; Tsutomu Suzuki, University of Tsukuba
昼食 ( 12:10 - 13:00 )	
セッション 3 『Facility Location Model II』 ,	

Chair: Tsutomu Suzuki

**Facility Location among Bounded Regions with Different Norms**

Jack Brimberg; H. Taghizadeh Kakhki; George O. Wesolowsky, McMaster University

13:00 -  
14:30

**Optimal Covering with Disks of Variable Radii and Fixed Centers**

Atsuo Suzuki, Nanzan University; Zvi Drezner, California State University, Fullerton

**Stochastic Optimization Approach for Facilities Location Problem**

Tatsuya Kishimoto; Miho Tamada, Keio University

休憩 ( 30分 )

セッション 4 『Student Session III』 ,

Chair: Frank Plastria

**Optimal Location and Size of Facilities Which Maximize Likelihood of Tangible Demand Ratio**

Miho Tamada; Tatsuya Kishimoto, Keio University

15:00 -  
16:20

**Spatial and Temporal Distribution of Traffic Flow within a Bounded Region**

Ken-ichi Tanaka; Osamu Kurita, Keio University

**Detour Distance Distribution in the Grid Type Network**

Masashi Miyagawa, University of Tsukuba

**Study on Basic Characteristic of Advantage of Position**

Takamori Ukai, Keio University

休憩 ( 10分 )

セッション 5 『Mathematical Models in UOR』 ,

Chair: Yeong Kim

16:30 -  
18:00

**On a General Family of Competitive Location Models**

Frank Plastria, Vrije Universiteit Brussel

**The Visualization of Japanese Phone Traffic Data Using Backward-Calculated Distance from Gravity Model**

Hiroshi Kotoh; Fumio Hasegawa, Tohoku University of Art & Design

**Yield Management of Space Facilities in Cities**

Katsushige Sawaki, Nanzan University

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◇ 11月 29日 (土曜日)

※ **注意** -- 11月29日土曜日の全てのプログラムは 名古屋サンプラザ にておこなわれます.

セッション 1 『Hub Location』 , Chair: Daniel Serra	
9:15 - 10:15	<b>Hub Network Design Problem in a Competitive Environment</b> Mihiro Sasaki, Nanzan University
	<b>Hub Location: The State of Play and Some Possible Future Research Opportunities</b> Mohan Krishnamoorthy, CSIRO Mathematical and Information Sciences
休憩 ( 30分 )	
セッション 2 『Facility Location Model III』 , Chair: Masanori Fushimi	
10:45 - 11:45	<b>Urban Facility Location Modelling : Problems and Applications</b> Daniel Serra, Universitat Pompeu Fabra
	<b>Tax Competition and Harmonization</b> Yoshiaki Ohsawa, University of Tsukuba
クロージング セッション	
11:45 - 11:55	Yoshiaki Ohsawa, University of Tsukuba

