

ACMSA 2012 Program(Final)

Thursday, 6 September 2012, Sichuan Garden Hotel, Chengdu City				
12:00-18:00	Registration Desk			
Friday, 7 September 2012, Sichuan Garden Hotel, Chengdu City				
10:00-10:20	Opening Ceremony		Chair Prof. Yanwen Dong	
	Prof. Fan Pingzhi (Vice-President of Southwest Jiaotong University, China)			
	Prof. Chunhui Xu (President of AAMSA, Chiba Institute of Technology, Japan)			
10:20-11:00	Keynote Speech	Title	Chair Prof. Kyoko Yagi	
	Prof. Hiroshi Takamori(Waseda University, Japan)	Management Science and its Frontiers		
11:00-11:45	Tutorial	Title	Chair Prof. Ikou Kaku	
	Prof. Jiafu Tang (Northeastern University, China)	Weighted Vehicle Routing Problems: A new model approach and Beam Search with Max-Min Ant Systems		
12:00-13:00	Lunch			
13:00-15:05	A1	Facilities Design and Location & Environmental Management		Session Chair Prof. Mikio Kubo, Prof. Keisuke Inakawa
		13	Daisuke Watanabe	Location Analysis of Airports in Japan using the Voronoi Diagrams
		15	Li Gong, Joao Pedro Pedroso and Mikio Kubo	Facility Location with Concave Costs
		35	Santoso Wibowo and Lillian Li	A Preference-Based Approach to Fuzzy Multicriteria Decision Making Evaluation of Hospital Locations
		12	Keisuke Inakawa	Consideration on Influences of Congestion for Emergency Vehicle Systems
		54	Shuji Hayashida, Tadayuki Masui, Ikou Kaku	Modeling CO2 Absorption and Price of Timber by Thinning and Logging
	B1	Decision Making / Analysis / Support Systems		Session Chair Prof. Shigeki Toriumi, Prof. Chun Jin
		23	Shigeki Toriumi and Ryuta Takashima	A Sea Lane Network and Chokepoints in Maritime Transport
		24	Masaki Hori, Takamori Ukai, Yukihiko Okada, Hisashi Kurata and Keizo Yamashita	Modeling Outpatient-Flow in a Regional Medical Network System
		25	Weizhen Rao and Chun Jin	A MODEL OF VEHICLE ROUTING PROBLEM MINMIZING ENERGY CONSUMPTION IN URBAN ENVIRONMENT
		30	Hong Wei Wang, Kai Qiang Guo, Jian-Tong Zhang and Yue Zhao	The Impact of Online Reviews on the Seller Behavior: The Case of Movie Industry
		44	Takuo Ichiju, Xiaoyuan Liu and Yoshiyuki Higuchi	Management System Model for Charged Household Garbage Disposal
	15:05-15:25	Coffee Break		

15:25-17:30	A2	Accounting / Finance / Finance Engineering		Session Chair Prof. Ryuta Takashima, Prof. Takamori Ukai
		6	Ryuta Takashima	Reversibility, operating flexibility, and asset returns in competitive equilibrium
		11	Kyoko Yagi and Ryuta Takashima	The Effects of Executive Stock Option Grants on Financing Decisions
		42	Chunhui Xu, Yanli Huo and Kouhei Osaka	Period Value at Risk and its Estimation by Simulation
	43	Masakazu Ando and Hiroshi Tsuda	Estimating the implied default probability in the investment corporation bond pricing model	
	B2	Marketing I		Session Chair Prof. Masaru Nakano, Prof. Yanwen Dong
		20	Hiroshi Takamori, Tak Niimura, Daiki Yamashita, Ryuichi Yokoyama and Ti Wang	Plug-in Electric Vehicle Markets and its Infrastructure Development under Fuel Economy Uncertainty
		29	Hung-Chi Hsiao, Taketoshi Hibiya and Masaru Nakano	A Framework of Managing Demand Forecasting Accuracy for Semiconductor Manufacturing Aggregators
		36	Chang Liu and Xiaoli Huang	Does Amazon's E-book Model Fit the China Market?
		37	Xiyang Hao, Yanwen Dong and Sen Wu	Dealing with severely imbalanced credit scoring data set
40		Yuanyuan Cao and Jiantong Zhang	Study on the E-commerce Total Customer Experience Quality by the Synthetic Fuzzy Evaluation	
18:00-20:00	Dinner			
Saturday, 8 September 2012, Sichuan Garden Hotel, Chengdu City				
9:00-10:15	A3	Productivity and Business Strategies Service		Session Chair Prof. Ryo Sato, Prof. Shuhei Kudo
		14	Shuhei Kudo and Hideyuki Nakajima	Strategic IT Use Research: IT Management Maturity in Local SMEs
		32	Ayako Kawai, Yasuto Fukunaga and Ryo Sato	On a Methodology for Service Innovation Strategy and its Applications
		41	Jiantong Zhang, Zaichao Zhu and Yuanyuan Cao	An Empirical Study on the Relationship between Influence Strategies and Distributor Satisfaction under Drop-shipping Model
	B3	Marketing II		Session Chair Prof. Yu Song, Prof. Daisuke Watanabe
		52	Kumiko Mori, Tadayuki Masui, Ikou Kaku	A Research on the Promotion of Modal Shift
		61	Wataru Tana, Masaru Ishioka	A Study on the Components of Market Offerings
10:15-10:35	Coffee Break			
10:35-11:50	A4	Human Resource Management/Organization		Session Chair Prof. Debi Cao, Prof. Misao Yaoita
		33	Huanjie Luo	Job-seeking students' Perceived View of Telework in China
		50	Misao Yaoita	New Wage Structures in the Taxi Industry since Deregulation - Case of T Co. in Yonezawa
		63	Yue Wu, Debi Cao	Activity Management System for Knowledge Creation Projects
	B4	Risk Management		Session Chair Prof. Hua Xu, Prof. Chunhui Xu
		7	Jiongwu Liu and Hua Xu	Managing Automotive Software Development Risks with Global Teams
		38	Huang Min, Chen Guike, Xu Chunhui and Ching Wai-Ki	Contract Design of Virtual Enterprise with Downside Risk-Averse Partners
12:00-13:00	Lunch			
13:00-15:05	A5	Product Design / Development I		Session Chair Prof. Yong Yin, Prof. Jiahua Weng
		4	Jiahua Weng, Shingo Akasaka and Hisashi Onari	A Study on Customer Requirement Specification and Product Specification for Engineer to Order Production
		5	Jianhu Cai, Yi Han and Ikou Kaku	Production Capability Decision Model under a Booking Commitment Contract
		17	Yin Fei	A study on promoting flexibility in mixed-model line production systems
		18	Yu Peng, Matsuura Haruki and Asada Akiko	Designing A Robust Mixed-Model Assembly Line Appropriate for the Mixing Ratio Variations

	B5	Optimization / Soft Computing / Meta-Heuristics I		Session Chair Prof. Shao Zhong, Prof. Sen Wu	
		3	Yi Han, Jianhu Cai and Ikou Kaku	A Scheme for Combining SSA with SFLA and Its Application to an uncapacitated SLLS problem	
		9	Jing Fu and Shigeo Muto	A characterization of the decentralized rule in minimum cost spanning tree problem	
		16	Ping Zhan	Lot-Sizing Problem with Outsourcing: Greedy Algorithm and Formulation	
		22	Shao Zhong	Estimating the distribution region of optimal solutions based on the existing solutions for quadratic assignment problem	
		27	Sen Wu, Qing Wei and Mengying Wu	Clustering Algorithm for Incomplete Data Sets with Categorical Attributes	
	C5	Systems Design, Planning and Control		Session Chair Prof. Shigeaki Ogibayashi, Prof. Jun Usuki	
		8	Jun Usuki, Masatoshi Kitaoka, Haruki Matsuura and Hitoshi Takeda	Performance Evaluation of Distribution Center using GERT and Petri net	
		10	Ti Wang and Daiki Yamashita	A Framework of Consumer Participation in the Energy Management of a Smart Community	
		28	Noritsugu Fujimoto	THE OFFICE LOCATION RESTRUCTURING IN THE CONSTRUCTION INDUSTRY OF JAPAN	
		39	Kousei Takashima, Kenta Kato and Shigeaki Ogibayashi	Analysis of the interaction between commodity and financial markets in an agent-based economic system	
		62	Ikou Kaku	How to evaluate line-cell conversion?	
15:05-15:25	Coffee Break				
15:25-17:30	A6	Product Design / Development II		Session Chair Prof. Jian Wang, Prof. Hong-Wei Wang	
		34	Takahashi Fumiyuki, Teruhisa Ichikawa, Hiroshi Mineno and Masakatsu Nishigaki	Intelligence Management for Decision Support in New Product Development and Technological Innovation	
		64	Changquan He , Jin Cui	Organic combination of form, construction and operation management of landscape architecture	
		56	Jian Wang, Hiroaki Matsukawa, Qin Xiang	A Framework for Planning Agile Strategy: Operations of Advanced Manufacturing Systems	
		59	Jingjing GONG, Sadami SUZUKI	New Product Development Operational Performance and Its Influential Factors: Cross National Comparison Between Japan and China	
	B6	Optimization / Soft Computing / Meta-Heuristics II		Session Chair Prof. Jing Sun, Prof. Motonari Tanabu	
		45	Huiwen Wang, Liying Shangguan and Rong Guan	A novel method for principal component analysis on compositional data variables	
		46	Beiyu Yang and Motonari Tanabu	Facilitating Knowledge Acquisition with SDM Method in business Simulation Game	
		47	Xianda Kong, Sun Jing, Hisashi Yamamoto and Masayuki Matsui	A Study on the Target Processing Time of Worker Allocation Optimization Problem in Limited-Cycle Multiple Periods	
		51	Jing SUN, Xianda KONG, Hisashi YAMAMOTO , Masayuki MATSUI	A Mathematical Analysis on Flexible Switch Strategy in the Limited-Cycle with Multiple Periods	
		60	Akira Nakayama, Tsutomu Anazawa	New Dijkstra-based algorithm for the single-source shortest path problem: Successive applications of reduced length functions	
	C6	Supply Chain Management		Session Chair Prof. Mingzhe Li, Prof. Ikou Kaku	
		49	Honggeng Zhou and Xin Zhai	Supply Chain Practice and Information Quality: Supply Chain Practice and Information Quality	
		55	Cheng Xiaobing, Li Ping, Pan Ruikai and Wang Daoping	The Internet of Things Technology Application in Supply Chain Management	
		57	Kai Zhang, Qiang Luo, Chaojie Li, Kuijun Yu, Qunzhi Wang	Flexible Supply Contract for Demand with Declining Risks	
		58	Li Ping, Cheng Xiaobing, Li Jizhu	Integration technology of logistics business management and control in land port	
	18:00-20:30	Best Paper Award & Conference Banquet			

Sunday, 9 September 2012, Chengdu City and Jiuzhaigou City	
9:00-11:00	Visit Southwest Jiaotong University (Board Meeting of Asian Association of Management Science and Applications (AAMSA))
11:00-14:00	Move & Lunch
14:00-17:00	Symposium & Panel Discussion: Challenge and Development of Asia Management Science and Applications (Holiday Inn Jiuzhai Jarpo, Jiuzhaigou City)
Monday, 10 September 2012, Holiday Inn Jiuzhai Jarpo, Jiuzhaigou City	
9:30-11:30	Group Discussion & Student Special Session
12:00-13:00	Lunch
13:00-15:30	Taking of Cooperation & Collaboration