

2012 International Symposium on Management Engineering

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| August 22 | |
| 16:00 - 17:30 | Registration CONVENTION HALL 2F |
| 18:00 - 19:30 | Welcome Reception (Flamingo) |

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| August 23 | |
| 9:00 - 17:00 | Registration CONVENTION HALL 2F |
| 10:00 - 10:30 | Opening |
| 10:30 - 11:30 | KEYNOTE Room A "The Valuation and Reporting of Organizational Capability in Carbon Emissions Management" by Prof. Dr. Kashi R. Balachandran (G. D. Goenka World Institute, Delhi, India) |
| 11:30 - 13:30 | Lunch at De Passo |
| 13:30 - 14:30 | Session T11 Chair: Tomonori Kawano T11a Run-Length Encoding (RLE) Graphic Rules, Molecular Biologically Editable Designs, and Steganographical On-Image Numeric Data Embedment for DNA-based Cryptographical Coding System, by Tomonori Kawano T11b Primitive Optical Computing Model with Films: Boolean Conjunction of the Square Matrix-Arrayed Color Codes, by Tomonori Kawano T11c Electrically Controlled Two-dimensional Cell Migration and Transport of Plastic Microspheres Using Paramecium bursaria as Bio-micromachines, by Kohei Otsuka and Tomonori Kawano |
| 14:30 - 15:00 | Coffee Break |
| 15:00 - 16:00 | Session T12 Chair: Tomonori Kawano T12a Use of Colored Reflectors for Negation or Highlighting of Scanned Color Information on Film-based CIELAB-coded Optical Logic Gate Models, by Kiyoshi Moritaka and Tomonori Kawano T12b Solving a Consumer Behavior Classification Problem Based on Molecular and Fuzzy Similarity Methods, by Ikno Kim and Junzo Watada T12c |
| 16:00 - 16:30 | Coffee Break |
| 16:30 - 17:30 | Session T13 Chair: Huey-Ming Lee T13a Fuzzy Assessment of the Risk Rate with Confidence Interval in Software Development, by Huey-Ming Lee, Lily Lin, Jin-Shieh Su T13b Determining operating information of financial statement using a hybrid approach of rough sets and artificial neural networks, by You-Shyang Chen, Da-Ren Chen, Ching-Hsue Cheng, Yan-Yu Chen T13c Time Aggregation Effect on Regression Models, by Rong Jea, Teng-San Shih and Huey-Ming Lee |
| 17:30 - 18:00 | Bus departs at 18:00 |
| 18:30 - 21:00 | BANQUET (Art Museum) |

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| 13:30 - 14:30 | Session T21 Chair: Long Thanh Ngo T21a Image Segmentation Method Based on Automatic Clustering Weighting Fuzzy C-Means Algorithm, by Yujie Li, Huimin Lu, Bolong Chen, Lifeng Zhang, Akira Yamawaki, Shiyuan Yang and Selichi Serikawa T21b A Genetic Type-2 Fuzzy C-Means Clustering Approach to M-Fish Segmentation, Dzong Dinh Nguyen, Long Thanh Ngo, Junzo Watada T21c Three Methods of Defuzzification of Fuzzy Number on Inventory, by Kung-Han Yang, Yung-Cheng Wang, and San-Chyi Chang |
| 14:30 - 15:00 | Coffee Break |
| 15:00 - 16:00 | Session T22 Chair: Gwo-Hshiung Tzeng T22a Applying Fuzzy Preference Relation and Grey Relation Analysis in the Assessment of Railway Grade Separation Construction Projects, by Hsin-Hsien Liu, Ming-Shan Yeh, Yung-Hui Chou, Gwo-Hshiung Tzeng T22b A Game Theoretical Framework for Low Carbon Growth Partnership, by Mayuko Miyata, Takashi Tsubota, and Shao-Chin Sung T22c Color Texture classification using DLBP, by G. Tamil Pavaai and S. Tamil Selvi |
| 16:00 - 16:30 | Coffee Break |
| 16:30 - 17:30 | Session T23 Chair: Shin'ya Nagasawa T23a Brand Innovation and Luxury Brand Construction in a Competitive Market - Case Study of Bally and Tod's Japan - by Zhiqing Jiang and Shin'ya Nagasawa T23b Luxury Fashion Brand Image Building: the Role of Store Design in Bally and Tod's Japan, by Zhiqing Jiang and Shin'ya Nagasawa T23c Emotional Value Communication Strategy - Case of the Swiss Watch Industry, by Kana Sugimoto, Shinichiro Terasaki and Shin'ya Nagasawa |

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| August 24 | |
| 08:00 | Departure at 2F of Rihga Royal Hotel at 8:00 am |
| 08:00 - 19:00 | One day tour (10,000JPY) |

Tutorial talks are provided on August 25 (Tuesday)

- 1 Dr. Jaeseok Choi (Gyeongsang National University, Korea) **(10:30 Room B)**
"Probabilistic Reliability and Production Cost Evaluations of Power Systems Including Renewable Energy Generators"
- 2 Hisao Shiizuka (Kogakuin University, Japan) **(11:00 Room B)**
"Scale-Free Network in a Super-Aging Society "
- 3 Dr. Long Thanh Ngo (Le Quy Don University, Viet Nam) **(13:30 Room B)**
"CTIN-based General Type-2 Fuzzy Logic Systems"
- 4 Dr. Gwo-Hshiung Tzeng (Kainan University, Taiwan) **(14:00 Room B)**
"A New concepts and trends of Hybrid MCDM Model for Problems-Improvement"

August 25

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| 9:00 - 10:00 | KEYNOTE Room A | "Overview of Swarm Intelligence" by Prof. Dr. Jeng-Shyang Pan (Professor, National Kaohsiung University of Applied Sciences, Taiwan) | |
| 10:00 - 10:30 Coffee Break | | | |
| 10:30 - | Session S11 Chair: Janos Botzheim | S11a | The Modified Economic Manufacturing Quantity Model Based on Inspection Error, Quality Loss, and Shortage, by Chung-Ho Chen and Chiung-Hui Tsai |
| | | S11b | Multiplicative Evaluation Model for Alternative-Fuel Buses Selection, by Jiun-Yi Shiu, Shih-Tong Lu, Cheng-Wei Lin |
| | | S11c | Constructing optimal railway time-table using fuzzy fitness function in bacterial memetic algorithm, by Zsolt Danyadi, Peter Foldesi, Janos Botzheim |
| - 11:30 | | | |
| 11:30 - 13:30 Lunch at De Passo | | | |
| 13:30 - | Session S12 Chair: Ikno Kim | S12a | Application of Clustering Based on DNA Computing to Evaluation Project Management methodology, by Yu-Yun Chang, Junzo Watada, Ikno Kim, Meng-Jong Kuan, Gwo-Hshiung Tzeng |
| | | S12b | Knowledge Retrieval for Project Management, by Shinji Mochida |
| | | S12c | The Evaluation Criteria for Recruiting Local Staffs by Taiwanese Enterprise in China, by Shih-Tong Lu, Cheng-Wei Lin, Dong-Shang Chang |
| - 14:20 | | | |
| 14:20 - 14:40 Coffee Break | | | |
| 14:40 - | Session S13 Chair: Jaeseok Choi | S13a | Solar Radiation Estimation using Artificial Neural Network- Case Studies In Korea, by Fengming Zhang, Kyeonghee Cho and Jaeseok Choi |
| | | S13b | Transmission System Expansion Planning Considering Outage Cost and Probabilistic Reliability Constraint, by Jintaek Lim, Jaeseok Choi, and Donghoon Jeon |
| | | S13c | Probabilistic Reliability Evaluation for the 5th Long-Term Electricity Supply Planning in South Korea, by Taegon Oh and Jintaek Lim, Jaeseok Choi, and Donghoon Jeon |
| - 15:40 | | | |
| 15:40 - 16:00 Coffee Break | | | |
| 16:00 - | Session S14 Chair: Junzo Watada | S14a | Convergence of Meta-Controlled Double Layered Neural Network, Junzo Watada |
| | | S14b | A Game Approach to Competitive Decision Making in Logistics, by Thisana Waripan, Rosarin Durongdej, Junzo Watada |
| | | S14c | A Linguistic Random Variable Approach to Regression Model, Shinya Imai and Junzo Watada |
| - 17:00 | | | |
| 17:00 - 17:30 CLOSING | | | |
| 18:00 | departs at 18:00 | | |
| 18:30 - 21:00 | Farewell Party at Mojiko Hotel (joint with ICGEC2012) | | |

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| 10:30 - | Tutorial 1 Chair: Junzo Watada | Probabilistic Reliability and Production Cost Evaluations of Power Systems Including Renewable Energy Generators | |
| | | Jaeseok Choi (Gyeongsang National University, Korea) | |
| | Tutorial 2 Chair: Junzo Watada | Scale-Free Network in a Super-Aging Society | |
| - 11:30 | | Hisao Shiizuka (Kogakuin University, Japan) | |
| 11:30 - 13:30 Lunch at De Passo | | | |
| 13:30 - | Tutorial 3 Chair: Junzo Watada | CTIN-based General Type-2 Fuzzy Logic Systems | |
| | | Long Thanh Ngo (Le Quy Don University, Viet Nam) | |
| | Tutorial 4 Chair: Junzo Watada | A New concepts and trends of Hybrid MCDM Model for Problems-Improvement | |
| - 14:20 | | Gwo-Hshiung Tzeng (Kainan University, Taiwan) | |
| 14:20 - 14:40 Coffee Break | | | |
| 14:40 - | Session S23 Chair: Gwo-Hshiung Tzeng | S23a | Using hybrid fuzzy MCDM to improve accreditation performance, by Kua-Hsin Peng, Gwo-Hshiung Tzeng, Hao-Lin Tseng |
| | | S23b | New Thinking of Multi-Objective Programming with Changeable Space - In Search of Excellence, by Jih-Jeng Huang, Gwo-Hshiung Tzeng |
| | | S23c | |
| - 15:40 | | | |
| 15:40 - 16:00 Coffee Break | | | |
| 16:00 - | Session S24 Chair: Vyacheslav V. Kalashnikov | S24a | Consistent Conjectural Variations Equilibrium in Partially Mixed Duopoly and Oligopoly. Part 1, by Nataliya I. Kalashnykova and Vyacheslav V. Kalashnikov, Felipe J. Castillo Perez |
| | | S24b | Consistent Conjectural Variations Equilibrium in Partially Mixed Duopoly and Oligopoly. Part 2, by Nataliya I. Kalashnykova and Vyacheslav V. Kalashnikov, Felipe J. Castillo Perez |
| | | S24c | |
| - 17:00 | | | |

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