Reliability in Random Environment: Systemability and Its Application
S. Gotobashi (University of Padova, Italy)
D. Battini (University of Padova, Italy)
M. Faccio (University of Padova, Italy)
A. Persano (University of Padova, Italy)
Validation of Methodologies for Uncertainty Propagation in Reliability Estimation
Mitchell Ray (Wichita State University, USA)
Liu Yingping (Wichita State University, USA)
In Methods for Cost Optimization of Condition Based Maintenance Systems
Gao Guozi (University of Naples “Federico II”, Italy)
Liberatina Carmela Santillo (University of Naples “Federico II”, Italy)
Paquale Zoppoli (University of Naples “Federico II”, Italy)
3:00 pm – 3:15 pm Break

SESSION 11
Friday, August 3, 10:15 am – 11:45 am
Maintenance Modeling Chair: Toshiro Nakagawa (Arci Institute of Technology, Japan)
Optimal Operation Censoring Policy for a System with Repair
Ko-do (Ko-do) Gakuen University, Japan
Toshiro Nakagawa (Arci Institute of Technology, Japan)
Inspection Thresholds for Imperfect Inspection Based on a Prior State
Takahiro Sato (Tokyo University, Japan)
Shigeru Yamada (Tokyo University, Japan)
Toshiro Nakagawa (Arci Institute of Technology, Japan)
Sayuri Masui (Ko-do Gakuen University, Japan)

SESSION 15
Friday, August 3, 3:00 pm – 4:45 pm
Mechanical Reliability and Its Applications Chair: Liang Xie (Northeastern University, China)
Modified Economic Manufacturing Quantity Model with Several Failures under the Serial Production System
Chang-Ho Chen (Southern Taiwan University of Technology, Taiwan)
The Detection of Electrocardiogram R-Waves based on Multivariate Method
Shigeru Yamada (Tottori University, Japan)
Wen-Hung Yang (Yang Ze University, Taiwan)
Jean-De Chen (Yang Ze University, Taiwan)

Quarterfinals Evaluation of Software Projects Based on Process Metrics
Takashi Oiki (Tottori University, Japan)
Shigeru Yamada (Tottori University, Japan)
Yasunori Usui (Kurashiki City Based on Combined Alignment of Surface Patches
M. Ben Salih (Université de Québec, Canada)
Jean-François Chateaun (Université de Québec, Canada)

Friday, August 3, 1:30 am – 3:00 pm
Quality Planning and Measurements Chair: Yi-Kuen Lin (Vanung University, Taiwan)
Differences in Perceptions of Classroom Management between Non Licensed and Licensed Private Kindergarten Teachers in Taiwan
Chung-Lin Chen (Daan College of Management, Taiwan)
The Study on the Relationship between Teacher Efficacy and Teaching Effectiveness of PE Teachers in Elementary School
Hung-Kao Tai (Ching Yuan University, Taiwan)
Che-Jen Chuang (Vanung University, Taiwan)
Understanding Student Participation Quality Using Physical Education in Taiwan as an Example
Chou-Kang Chiu (Ching Kuo Institute of Management Education, Taiwan)
Liang-Chi Hsu (Ching Yuan University, Taiwan)
Lu Kong (Chou-Kang Chiu Institute of Management and Health, Taiwan)
Chen-Peng Lin (Vanung University, Taiwan)
Variated Capacity Weights in a Two-Commodity Multimodal Network
Yi-Kuen Lin (Vanung University, Taiwan)
Chiu-Yu Yang (Vanung University, Taiwan)
12:00 noon – 1:00 pm Lunch

Friday, August 3, 2007
8:15 am Registration
Software Quality Classification with Imbalanced and Noisy Data
Andrea Foletico (Florida Atlantic University, USA)
Tajii M. Khoshgoftar (Florida Atlantic University, USA)
Jacov Van Houtte (Florida Atlantic University, USA)

SESSION 13
Friday, August 3, 10:15 pm – 12:00 am
Process Control and Management Chair: P. Zeephongsekul (RMIT University, Australia)
Modified Economic Manufacturing Quantity Model with Several Failures under the Serial Production System
Chang-Ho Chen (Southern Taiwan University of Technology, Taiwan)
The Detection of Electrocardiogram R-Waves based on Multivariate Method
Shigeru Yamada (Tottori University, Japan)
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Quarterfinals Evaluation of Software Projects Based on Process Metrics
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Friday, August 3, 1:30 am – 3:00 pm
Mechanical Reliability and Its Applications Chair: Liang Xie (Northeastern University, China)
Modified Economic Manufacturing Quantity Model with Several Failures under the Serial Production System
Chang-Ho Chen (Southern Taiwan University of Technology, Taiwan)
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M. Ben Salih (Université de Québec, Canada)
Jean-François Chateaun (Université de Québec, Canada)

Wednesday, August 1, 2007
1:30 pm – 2:15 pm Short Course: Software Reliability and Quality Modeling
Chair: Gordon Savage (University of Waterloo, Canada)
Software Reliability Policies and Process
Gordon Savage (University of Waterloo, Canada)

Thursday, August 3, 2007
9:00 am – 10:00 am
Software Quality and Reliability Chair: Tajii M. Khoshgoftar (Florida Atlantic University, USA)
Andrea Foletico (Florida Atlantic University, USA)
Tajii M. Khoshgoftar (Florida Atlantic University, USA)
Jacov Van Houtte (Florida Atlantic University, USA)

SESSION 10
Friday, August 3, 3:00 pm – 4:45 pm
Mechanical Reliability and Its Applications Chair: Liang Xie (Northeastern University, China)
Modified Economic Manufacturing Quantity Model with Several Failures under the Serial Production System
Chang-Ho Chen (Southern Taiwan University of Technology, Taiwan)
The Detection of Electrocardiogram R-Waves based on Multivariate Method
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Yasunori Usui (Kurashiki City Based on Combined Alignment of Surface Patches
M. Ben Salih (Université de Québec, Canada)
Jean-François Chateaun (Université de Québec, Canada)

Friday, August 3, 1:30 am – 3:00 pm
Quality Planning and Measurements Chair: Yi-Kuen Lin (Vanung University, Taiwan)
Differences in Perceptions of Classroom Management between Non Licensed and Licensed Private Kindergarten Teachers in Taiwan
Chung-Lin Chen (Daan College of Management, Taiwan)
The Study on the Relationship between Teacher Efficacy and Teaching Effectiveness of PE Teachers in Elementary School
Hung-Kao Tai (Ching Yuan University, Taiwan)
Che-Jen Chuang (Vanung University, Taiwan)
Understanding Student Participation Quality Using Physical Education in Taiwan as an Example
Chou-Kang Chiu (Ching Kuo Institute of Management Education, Taiwan)
Liang-Chi Hsu (Ching Yuan University, Taiwan)
Lu Kong (Chou-Kang Chiu Institute of Management and Health, Taiwan)
Chen-Peng Lin (Vanung University, Taiwan)
Variated Capacity Weights in a Two-Commodity Multimodal Network
Yi-Kuen Lin (Vanung University, Taiwan)
Chiu-Yu Yang (Vanung University, Taiwan)
12:00 noon – 1:00 pm Lunch

Friday, August 3, 2007
8:15 am Registration
Software Quality Classification with Imbalanced and Noisy Data
Andrea Foletico (Florida Atlantic University, USA)
Tajii M. Khoshgoftar (Florida Atlantic University, USA)
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SESSION 13
Friday, August 3, 10:15 pm – 12:00 am
Process Control and Management Chair: P. Zeephongsekul (RMIT University, Australia)
Modified Economic Manufacturing Quantity Model with Several Failures under the Serial Production System
Chang-Ho Chen (Southern Taiwan University of Technology, Taiwan)
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Friday, August 3, 1:30 am – 3:00 pm
Mechanical Reliability and Its Applications Chair: Liang Xie (Northeastern University, China)
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Friday, August 3, 1:30 am – 3:00 pm
Mechanical Reliability and Its Applications Chair: Liang Xie (Northeastern University, China)
Modified Economic Manufacturing Quantity Model with Several Failures under the Serial Production System
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Takashi Oiki (Totttori University, Japan)
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Yasunori Usui (Kurashiki City Based on Combined Alignment of Surface Patches
M. Ben Salih (Université de Québec, Canada)
Jean-François Chateaun (Université de Québec, Canada)
Thursday, August 2, 2007

8:30 am Registration  9:00 am – 9:15 am  Opening Remarks
Hoang Pham (Rutgers University, U.S.A.)  Shigeru Yamada (Tottori University, Japan)

SESSION 1 Thursday, August 2, 9:30 am – 11:00 am  Quality Modeling and Robust Design Chair: Gordon Savage (University of Windsor, Canada) Design-In Quality and Reliability via Experimental Design T.N. Goh (National University of Singapore, Singapore) Lidia Z. Filus (Northeastern Illinois University, U.S.A.) Technology, Taiwan) Shuy-Huei Sheu (National Taiwan University of Science and Technology, Taiwan) Shuy-Huei Sheu (National Taiwan University of Science and Technology, Taiwan) Shey-Huei Sheu (National Taiwan University of Science and Technology, Taiwan)

SESSION 2 Thursday, August 2, 9:30 am – 11:00 am  Appraisal and Statistical Modeling Chair: S. S. Dhillion (Indian Institute of Technology, New Delhi, India) Statistical Inference About the Location Parameter of the Three-Parameter Lognormal Distribution Zhong Chen (National Taiwan University of Science and Technology, Taiwan) Mortality Modeling Program Development Shigeru Yamada (Rutgers University, U.S.A.)

SESSION 3 Thursday, August 2, 1:30 pm – 3:00 pm  Quality in Design Chair: Wai Kin Michael Siu (The Hong Kong Polytechnic University, Hong Kong) Quality in Design Creating Identity in Street Furniture Design Jen-Chieh Lin (National Kaohsiung Normal University, Taiwan) Lida Zhu (Feilou University, Taiwan) Human Error in Railways: An Investigative Study B.S. Dhillion (Ohio University, Ohio, USA) 11:15 am – 11:35 am Break

Friday, August 3, 2007

8:15 am Registration

SESSION 4 Friday, August 3, 8:30 am – 10:00 am  Quality Engineering Methods and Its Applications Chair: T. N. Goh (National University of Singapore, Singapore) Quality Engineering Methods and Its Applications F. Cipriano (University of Padova, Italy) B. Battini (University of Padova, Italy) M. Facco (University of Padova, Italy) P. Passerini (University of Padova, Italy) Validation of Method for Moments of Uncertainty Propagation in Reliability Estimation Mitchell Ray (Wichita State University, U.S.A.) Ray (Wichita State University, U.S.A.) Technology, Taiwan) Technology, Taiwan) Technology, Taiwan) Technology, Taiwan)

SESSION 5 Friday, August 3, 1:30 pm – 3:00 pm  Reliability in Random Environment: Systematology and Its Applications Chair: G. Sandroos (University of Padova, Italy) Reliability in Random Environment: Systematology and Its Applications S. Sandroos (University of Padova, Italy) D. Batini (University of Padova, Italy) M. Facco (University of Padova, Italy) A. Persino (University of Padova, Italy) Validation of Method for Moments of Uncertainty Propagation in Reliability Estimation Mitchell Ray (Wichita State University, U.S.A.) Validation of Method for Moments of Uncertainty Propagation in Reliability Estimation Mitchell Ray (Wichita State University, U.S.A.)

SESSION 6 Friday, August 3, 2:30 pm – 5:00 pm  Reliability Modeling and Analysis Chair: Ray Huei Yeh (National Taiwan University of Science and Technology, Taiwan) Reliability Modeling and Analysis A Battery Cell Performance Grading Approach Sheng-Chi Chu (National Taiwan University, Taiwan) Chih-Wei Hsu (National Taiwan University, Taiwan) A Performance Analysis Model for Order-Picking System Jason Chia-Hsin Pan (National Taiwan University of Science and Technology, Taiwan) Po-Yung Hsu (National Taiwan University, Taiwan) Ming-Hung Wu (National Taiwan University of Science and Technology, Taiwan)

SESSION 7 Friday, August 3, 2:30 pm – 5:00 pm  Quality Planning and Measurements Chair: Ray Huei Yeh (National Taiwan University of Science and Technology, Taiwan) Quality Planning and Measurements Various Multi-Dimensional Memory Part Check Metrics for Following the Roles in the Analysis of a Structural Reliability Concerned System Hong-Chao Kuo (National Taiwan University, Taiwan) Shyh-Ming Chen (National Taiwan University, Taiwan) Ming-Fang Hsu (National Taiwan University, Taiwan) Lorraine Justice (The Hong Kong Polytechnic University, Hong Kong)

SESSION 8 Friday, August 3, 2:35 pm – 5:00 pm  Software Reliability Modeling Chair: T. N. Goh (National University of Singapore, Singapore) Software Reliability Modeling A Method of Dual Reliability Assessment based on Stochastic Differential Equation for an Open Source Software Tool Development of System Test Plans Toshio Nakagawa (Aichi Institute of Technology, Japan) Toshio Nakagawa (Aichi Institute of Technology, Japan)

SESSION 9 Friday, August 3, 3:15 pm – 5:00 pm  Quality Engineering Methods and Its Applications Chair: G. Sandroos (University of Padova, Italy) Quality Engineering Methods and Its Applications A Periodic Preventive Maintenance Policy with Age Reduction for a Weibull Life-Time System Under Reliability Limit Chien-Yau Cheng (Changgyung University of Broadcasting and Telecommunication, Korea) Renkun Guo (Cape of Good Hope, South Africa) Mei-Ling Liu (Changgyung University of Technology, Taiwan) Optimal Preventive Maintenance Policy for Linear Equipment with Failure Rate Reduction Huey Yeh (National Taiwan University of Science and Technology, Taiwan) Kow-Chin Kao (National Taiwan University of Science and Technology, Taiwan) Wu-Chen Chang (National Taiwan University of Science and Technology, Taiwan)

Friday, August 3, 2007
Thursday, August 2, 2007
8:30 am Registration in 9:00 am – 9:15 am Opening Remarks
Hoang Pham (Rotgers University, U.S.A.)
Shigeru Yamada (Tottori University, Japan)

SESSION 1
Thursday, August 2, 9:30 am – 11:00 am
Quality Modeling and Robust Design Chair: Gordon Savage (University of Waterloo, Canada)
Design-In Quality and Reliability via Experimental Design
T N Goh (National University of Singapore, Singapore)
Liping Guo (National University of Singapore, Singapore)
A Study on Reducing Frictional Tendency of Split in Production Process for Rubber Parts
Shigeru Yamada (Tottori University, Japan)
Suguru Okino (Tottori University, Japan)
The DGNMA Mean Chart
Shy-Huei Sheu (National Taiwan University of Science and Technology, Taiwan)
Hsiao-Hsiun Chen (National Taiwan University of Science and Technology, Taiwan)

SESSION 2
Thursday, August 2, 9:30 am – 11:30 am
Quality Engineering Methods and Its Applications Chair: T N Goh (National University of Singapore, Singapore)
Monitoring the Autocorrelated Process Mean and Variance with Multiple Shewhart Control Chart
Shy-Hei Sheu (National Taiwan University of Science and Technology, Taiwan)
Shin-Chieh Cho (National Taiwan University of Science and Technology, Taiwan)
Optimal Design of Accelerated Failure Test under Multiple Stresses with an Application to S-N Curve Estimation
Wafid Sabatino (University of Electro-Communications, Japan)
Fawaz Aljubour (University of Electro-Communications, Japan)
Kazuyoshi Suzuki (University of Electro-Communications, Japan)
Estimation of Precision-to-Tolerance Ratio under Non-Normal Data
Mu Seong Chang (Changwon National University, Korea)
Su Jeong Cho (Changwon National University, Korea)
Jong Kun Kim (Changwon National University, Korea)

SESSION 3
Thursday, August 2, 9:30 am – 11:00 am
Modeling of Dynamic Systems using Metamodelling and Singular Value Decomposition
Topu Sekhar S Carolina (University of Waterloo, Canada)
Gordy Savage (University of Waterloo, Canada)

Friday, August 3, 2007
8:15 am Registration
Software Quality and Reliability Chair: Taghi M. Khoshgoftaar (Florida Atlantic University, U.S.A.)
Optimal Classification for Intraduction in Wireless Networks: An Empirical Evaluation
Taghi M. Khoshgoftaar (Florida Atlantic University, U.S.A.)
Nithya Selvakumar (University of Michigan – Dearborn, U.S.A.)
Software Reliability Modeling using Skewed Measurement Data
Jason Van Houte (Florida Atlantic University, U.S.A.)
Gandhe Arpit (Florida Atlantic University, U.S.A.)
A Rule-Based Software Quality Classification Model
Taghi M. Khoshgoftaar (Florida Atlantic University, U.S.A.)
Liujuan Liu (Florida Atlantic University, U.S.A.)
Keihan Gao (Eastern Connecticut State University, U.S.A.)

Reliability in Random Environment: Systemiability and Its Application
S. Gasparods (University of Padua, Italy)
D. Battin (University of Padua, Italy)
M. Facio (University of Padua, Italy)
A. Persson (University of Padua, Italy)
Validation of Methods of Moments for Uncertainty Propagation in Reliability Estimation
Mitchell Ray (Wichita State University, U.S.A.)
Reshmi Das (Wichita State University, U.S.A.)
In Methods for Cost Optimization of Condition Based Maintenance Systems
Guido Guzio (University of Naples “Federico II”, Italy)
Liberata Carenella Santillo (University of Naples “Federico II”, Italy)
Paquale Zoppoli (University of Naples “Federico II”, Italy)

SESSION 4
Thursday, August 2, 11:15 am – 12:30 pm
Software Quality and Reliability Chair: Taghi M. Khoshgoftaar (Florida Atlantic University, U.S.A.)
Optimal Classification for Intraduction in Wireless Networks: An Empirical Evaluation
Taghi M. Khoshgoftaar (Florida Atlantic University, U.S.A.)
Nithya Selvakumar (University of Michigan – Dearborn, U.S.A.)
Software Reliability Modeling using Skewed Measurement Data
Jason Van Houte (Florida Atlantic University, U.S.A.)
Gandhe Arpit (Florida Atlantic University, U.S.A.)
A Rule-Based Software Quality Classification Model
Taghi M. Khoshgoftaar (Florida Atlantic University, U.S.A.)
Liujuan Liu (Florida Atlantic University, U.S.A.)
Keihan Gao (Eastern Connecticut State University, U.S.A.)

Reliability in Random Environment: Systemiability and Its Application
S. Gasparods (University of Padua, Italy)
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Guido Guzio (University of Naples “Federico II”, Italy)
Liberata Carenella Santillo (University of Naples “Federico II”, Italy)
Paquale Zoppoli (University of Naples “Federico II”, Italy)

SESSION 5
Thursday, August 2, 1:30 pm – 3:00 pm
Quality Assurance Chair: Kwon Michael Siu (The Hong Kong Polytechnic University, Hong Kong)
Quality in Design Creating Identity in Street Furniture Design
Twin Ming Chen (The Hong Kong Polytechnic University, Hong Kong)
Kwai Wai Michael Siu (The Hong Kong Polytechnic University, Hong Kong)
Kwai Wai Michael Siu (The Hong Kong Polytechnic University, Hong Kong)
Lorraine Justice (The Hong Kong Polytechnic University, Hong Kong)
Quality in Design Creating Identity in Street Furniture Design
Twin Ming Chen (The Hong Kong Polytechnic University, Hong Kong)
Kwai Wai Michael Siu (The Hong Kong Polytechnic University, Hong Kong)
Kwai Wai Michael Siu (The Hong Kong Polytechnic University, Hong Kong)
Lorraine Justice (The Hong Kong Polytechnic University, Hong Kong)

Friday, August 3, 2007
2:30 pm – 3:15 pm Break

SESSION 6
Thursday, August 2, 3:15 pm – 5:00 pm
Quality Assurance Chair: Kwon Michael Siu (The Hong Kong Polytechnic University, Hong Kong)
A Battery Cell Performance Grading Approach
Sheng-Chi Chu (National Taiwan University, Taiwan)
Chih Chen Hsu (National Taiwan University, Taiwan)
A Performance Analysis Model for Order-Picking System
Jason Chao-Hsin Pan (National Taiwan University of Science and Technology, Taiwan)
Po-Wen Hsu (National Taiwan University of Science and Technology, Taiwan)
Ming-Hung Wu (National Taiwan University of Science and Technology, Taiwan)
Various Multi-Dimensional Memory Parity Check Codes Play Roles in the Analysis and Design of a Structural Reliability Concerned System
Hoang-Chao Kuo (Vanung University, Taiwan)
Tsun-Min Chen (Vanung University, Taiwan)
M. P. Gough (University of Manchester, U.K.)
Po-Chih Chiu (Fuxian University, Taiwan)

SESSION 7
Thursday, August 2, 3:15 pm – 5:00 pm
Quality Assurance Chair: Kwon Michael Siu (The Hong Kong Polytechnic University, Hong Kong)
A Battery Cell Performance Grading Approach
Sheng-Chi Chu (National Taiwan University, Taiwan)
Chih Chen Hsu (National Taiwan University, Taiwan)
A Performance Analysis Model for Order-Picking System
Jason Chao-Hsin Pan (National Taiwan University of Science and Technology, Taiwan)
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Various Multi-Dimensional Memory Parity Check Codes Play Roles in the Analysis and Design of a Structural Reliability Concerned System
Hoang-Chao Kuo (Vanung University, Taiwan)
Tsun-Min Chen (Vanung University, Taiwan)
M. P. Gough (University of Manchester, U.K.)
Po-Chih Chiu (Fuxian University, Taiwan)

Friday, August 3, 2007
5:00 pm – 6:15 pm Break

SESSION 8
Thursday, August 2, 6:15 pm – 9:00 pm
Quality Planning and Measurements Chair: Yi-Kuei Lin (Vanung University, Taiwan)
Root Cause Analysis for Detecting High Failure Rate in a Production Process
Deh-Chih Lu (Vanung University, Taiwan)
Eliminating the Effects of Accelerated Schedules on the Reliability Assessment
Shigeru Yamada (Tottori University, Japan)
Shigeki Tamura (Hiroshima Institute of Technology, Japan)
Yoshinobu Tamura (Hiroshima Institute of Technology, Japan)

Friday, August 3, 2007
9:00 am – 9:15 am Break

SESSION 9
Friday, August 3, 9:15 am – 10:00 am
Quality Planning and Measurements Chair: Yi-Kuei Lin (Vanung University, Taiwan)
Root Cause Analysis for Detecting High Failure Rate in a Production Process
Deh-Chih Lu (Vanung University, Taiwan)
Eliminating the Effects of Accelerated Schedules on the Reliability Assessment
Shigeru Yamada (Tottori University, Japan)
Shigeki Tamura (Hiroshima Institute of Technology, Japan)
Yoshinobu Tamura (Hiroshima Institute of Technology, Japan)

Friday, August 3, 2007
10:00 am – 11:00 am
Quality Planning and Measurements Chair: Yi-Kuei Lin (Vanung University, Taiwan)
Root Cause Analysis for Detecting High Failure Rate in a Production Process
Deh-Chih Lu (Vanung University, Taiwan)
Eliminating the Effects of Accelerated Schedules on the Reliability Assessment
Shigeru Yamada (Tottori University, Japan)
Shigeki Tamura (Hiroshima Institute of Technology, Japan)
Yoshinobu Tamura (Hiroshima Institute of Technology, Japan)

Friday, August 3, 2007
11:00 am – 12:15 pm Lunch

SESSION 10
Friday, August 3, 1:15 pm – 2:45 pm
Process Control and Management Chair: P. Zengheokong (RMIT University, Australia)
Modified Economic Manufacturing Quantity Model Under a Retailer under the Serial Production System
Chung-Hao Chen (Southern Taiwan University of Technology, Taiwan)
The Detection of Electrocardiogram R-Waves based on the Combination of the Strip and Continuous Features
Bou-Sheharaa Mahmoud (University of Constantine Algeri, Algeria)

Friday, August 3, 2007
2:45 pm – 3:00 pm Break

SESSION 11
Friday, August 3, 3:00 pm – 4:45 pm
Mechanical Reliability and Its Applications Chair: Yi-Liang Xie (Northeastern University, China)
Modified Economic Manufacturing Quantity Model Under a Retailer under the Serial Production System
Chung-Hao Chen (Southern Taiwan University of Technology, Taiwan)
The Detection of Electrocardiogram R-Waves based on the Combination of the Strip and Continuous Features
Bou-Sheharaa Mahmoud (University of Constantine Algeri, Algeria)

Friday, August 3, 2007
4:45 pm – 6:00 pm Break
Friday, August 3, 3:00 pm - 4:45 pm
Data Quality, Techniques and Applications
Chair: Mei-Tzu Wang (Chinese Culture University, Taiwan)
To Find Chinese Keywords for the Show Activities Pei-Ling Wu (Chienkuo Technology University, Taiwan)
Jue-Yang Su (National Chung Shan University, Taiwan)
Tolliness of Email Announcements to detect Accounting Quality Shou-Chin Wang (National Taiwan University, Taiwan)
Jiu-Hung Su (Fu Jen Catholic University, Taiwan)
Garbage Data Re-Circulating Model and its Application Xian-Yu Lee (Chinese Culture University, Taiwan)
Jaw-Siu So (Chinese Culture University, Taiwan)
Semantic Query Optimization on Content-Oriented Database Mei-Tzu Wang (Chinese Culture University, Taiwan)

Saturday, August 4, 8:30 am - 10:00 am
Quality Measurements and Predictions – Case Studies
Chair: Hsueh-yu Cheng (Shu Zen College of Medicine & Management, Taiwan)
The Realization of “The Wounded Rope Model” – A case of 70th Taiwan World Festival & Taiwan Chiangma Open July 4-8, 2005 Ching-Jan Chiang (Chienkuo Technology University, Taiwan)
Multiple Intelligences, Preferred Learning Styles and Language Learning – A Case Study in Taiwan Ting-Ting Lin (Shu Zen College of Medicine & Management, Taiwan)
Shou-Chin Wang (Far Eastern University of Technology, Taiwan)
Yu-Chin Chang (Far Eastern University of Technology, Taiwan)

Saturday, August 4, 10:15 am - 12:15 pm
Systems Complexity & Modeling and Simulation Chair: Chzemmin Chen (Florida International University, U.S.A.)
The Search based on Reliability Test Methods of Software Xiaoning Huang (University of Science and Technology of China, China)
Facility Layout Problem: Formulations and Solution Methodologies Moit Gacilo (University of Naples “Federico II”, Italy)
Luigi Guerra (University of Naples “Federico II”, Italy)
Liberalia C. Santillo (University of Naples “Federico II”, Italy)

Sunday, August 5
8:15 am  Registration

SESSION 19
Saturday, August 4, 10:15 am - 12:15 pm
Software Reliability Assessment and Version-Upgrade Problem for Open Source Software Yasuo Motochika (Tottori University, Japan)
Yoshinori Tamura (Hiroshima Institute of Technology, Japan)
Shigeru Yanagi (National Defense Academy, Japan)
G. Giacchetta (Università Politecnica della Marche, Italy)
Research on Aircraft Zonal Safety Analysis System Taku-ya Yu (Northwestern Polytechnical University, China)
Weimin Cui (Northwestern Polytechnical University, China)
Blank Table Template Presentation Framework Wei-Hsien Li (University of Louisville, U.S.A.)

SESSION 18
Saturday, August 4, 8:30 am - 10:00 am
Distributed Computing and Fault Tree Analysis Chair: Toshiro Nakagawa (Archi Institute of Technology, Japan)
Minimal Cut Sets/Sequences of a Fault Tree with Priority and Gates Tatsutaka Yagami (National Defence Academy, Japan)
Shigeharu Yama (National Defence Academy, Japan)
Reliability Consideration of a Remote Data Replication for Disaster Recovery Mitsuaki Kimura (Gifu City Women's College, Japan)
Kazumi Yasui (Archi Institute of Technology, Japan)
Optimal Times of Image Copy for a Multi-File Database System Soojil Nakamura (Kinki Gokuso University, Japan)
Toshiro Nakagawa (Archi Institute of Technology, Japan)
Kazumi Yasui (Archi Institute of Technology, Japan)

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Friday, August 3, 3:00 pm - 4:55 pm

Data Quality, Techniques and Applications
Chair: Mei-Tzu Wang (Chinese Culture University, Taiwan)
To Find Chinese Keywords for the Show Activities Pei-Ling Wu (Chienkuo Technology University, Taiwan)
Jian-Yang Su (National Chung Shan University, Taiwan)
Tienfeng Huang and Yi-Chun Su (Chienkuo Technology University, Taiwan)
Garbage Data Re- Circulating Model and Its Application Xin-Yu Lee (Chinese Culture University, Taiwan)
Jaw-Siu Su (Chinese Culture University, Taiwan)
Semantic Query Optimization on Concept- Oriented Database Mei-Tzu Wang (Chinese Culture University, Taiwan)

Saturday, August 4, 8:15 am - 10:00 am

Quality Measurements and Predictions – Case Studies
Chair: Hsieh-yu Cheng
Shih Yen Sun (National University of Technology, Taiwan)
The Revelation of “The Waxed Rope Model” – A case of 7th World Taiweno Festival & Taiwan Changhua County July 4-8, 2005 Ching-Chian Chieng (Chienkuo Technology University, Taiwan)
Multiple Intelligences, Preferred Learning Styles and Language Learning – A Case Study in Taiwan Yen-Yu Hou (Shu Zen College of Medicine & Management, Taiwan)
The Relocation of “The Wired Rope Model” – A case of 7th World Taiweno Festival & Taiwan Changhua County July 4-8, 2005 Ching-Chian Chieng (Chienkuo Technology University, Taiwan)

Monday, August 6, 8:15 am - 11:00 am

SESSION 21
Quality Engineering Meets the Next Generation of Digital TV
Chair: W. Eric Wong
Waleed H. El-Said (University of Louisville, U.S.A.)
Explosive Detection: Systems Modeling and Architecture Shigeru Yanagi (National Defence Academy, Japan)
Tetsushi Yuge (National Defence Academy, Japan)
Hany H. Hassan (University of Louisville, U.S.A.)
Teodor Tiplica (ISTIA – LASQUO University of Angers, France)

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