PROGRAM

Sunday November 30, 2008

13:45 - 14:45	CAPS 2008 Registration at Press Club (3rd Floor)
15:00 - 17:45	Guided Bus City Tour of Hanoi
17:45 - 20:30	Welcome Reception at Press Club Terrace (3rd Floor)

Monday December 1, 2008

08:00 – 09:00	CAPS 2008 Registration at Press Club (1st Floor)
Opening Session & Keynote Session I	
Chair: *Thu Gia Pham, University of Moncton, Canada*	Room A+B+C
09:00 - 09:45	**Welcome Addresses:** ***Bui Duy Cam**, Hanoi University of Science, Hanoi* ***Ngo Viet Trung**, Institute of Mathematics, VAST, Hanoi* ***Nguyen Bich Lam**, General Statistics Office, Hanoi*
09.45 - 10.30	**How Can Statisticians Help Vietnam Prosper?** ***Nicholas Fisher**, University of Sydney, Australia*
10:30 - 11:00	Coffee Break

Invited Session 1A: Statistics and the Living Standards of the People	
Sponsor: GSO Hanoi; Organiser/Chair: ***Dominique Haughton**, Bentley University and Toulouse School of Economics & **Phong Nguyen**, General Statistics Office, Hanoi*	Room A
11:00 - 12:30	**Multilevel Models and Small Area Estimation in the Context of Vietnam Living Standards Surveys** ***Phong Nguyen**, General Statistics Office, **Dominique Haughton**, Bentley University and Toulouse School of Economics & **John Boland** and **Irene Hudson**, University of South Australia*
	Health Equity in Viet Nam: A Situational Analysis Focused on Maternal and Child Mortality ***Sarah Bales, James Knowles, Le Quang Cuong, Tran Thi Mai Oanh & Duong Huy Luong**, Ministry of Health, Hanoi*
	Vietnam Household Living Standards Surveys: Methodology and Implementation ***Lo Thi Duc**, General Statistics Office, Hanoi*
	Poverty Mapping for Ho Chi Minh City ***Le Thi Thanh Loan**, Ho Chi Minh City Statistics Office, **Nguyen van Phuc**, Open University in Ho Chi Minh City & **Nguyen Viet Cuong**, National Economics University*

Contributed Session 1B: Financial Statistics 1	
Chair: *Tran Hung Thao, Institute of Mathematics, VAST, Hanoi*	Room B
11:00 - 11:15	**Stochastic Volatility Models and the Relationship Between Persistent And Erratic Volatility Factors and Trading Activity** ***Duy Tien Tran**, University of Western Australia, Australia*
11:15 - 11:30	**Option Pricing with Regime-switching by Trinomial Tree Method** ***F. L. Yuen & H. Yang**, The University of Hong Kong, Hong Kong*
11:30 - 11:45	**An Analysis of Stock Exchange Data with Emphasis on Prediction for Future Crash** ***Nidhin Keloth & C. Chandran**, University of Calicut, India*
11:45 - 12:00	**Statistical and ANN Model for Forecasting KLSE-CI** ***Zuhaimy Ismail**, Universiti Teknologi Malaysia, Malaysia*
12:00 - 12:15	**Ruin Probability for Hypoexponential Risk Processes** ***Wei Yeing Pan, M. H. Lim & A. H. Pooi** , University of Malaya, Malaya*

Contributed Session 1C: Applying Statistical Methods to Promote Data Usages	
Chair: *Jaw-Sin Su, Chinese Culture University, Taiwan*	Room C
11:00 - 11:15	**Classical Game and Fuzzy Game in Design and Its Application** ***Pei-Ling Wu**, Chienkuo Technology University, Taiwan **& San-Jean Ho** Lion Fellowship Monthly Magazine, Taiwan*
11:15 - 11:30	**Confidence Interval Statements Construction and Its Application** ***Shiou-Chih Wang**, National Taipei University, Taiwan **& Mang-Ling Lo**, Chinese Culture University, Taiwan*
11:30 - 11:45	**The Keyless Technique of Text Data Mining and It Application** ***Hengsheng Chen**, Chinese Culture University, Taiwan **& Juei-Yang Su**, JanSin Business Management Consultants Corp., Taiwan*
11:45 - 12:00	**The Reliability Matrix of Input-OUtput Table in Design and Its Application** ***Kevin Cheng**, Shin Kong Life Insurance, Taiwan **& Jaw-Sin Su**, Chinese Culture University, Taiwan*
12:00 - 12:15	**Towards a Unified Methodology for Statistical Data Processing** ***Péter Tóth**, FAIR Information Systems Ltd., Hungary*
12:15 - 12:30	**A Proof for the Maximal Rank of 2-Slices of Tensors by Simple Induction and Symmetrization** ***Toshio Sakata, Toshio Sumi**, Kyushu University, Japan **& Mitsuhiro Miyazaki**, Kyoto University of Education, Japan*

12:30 – 14:00 Lunch Break

Invited Session 2A: Designs for Computer Experiments (DOE1)	
Sponsor: ISBIS; Organiser: ***David Steinberg**, Tel Aviv University, Tel Aviv* Chair: ***Dennis K. J. Lin**, Penn State University, USA*	Room A
14:00 - 15:30	**Nested Space-Filling Designs for Computer Experiments with Two Levels of Accuracy** ***Boxin Tang**, Simon Fraser University, Canada*
	A Construction Method for Orthogonal Latin Hypercube Designs with Prime Power Levels

	***Fang Pang, Min-Qian Liu**, Nankai University, China* & ***Dennis K. J. Lin**, Penn State University, USA*
	Latin Square-based Orthogonal Latin Hypercubes ***Nam-Ky Nguyen**, Hanoi University of Science, Hanoi*

Contributed Session 2B: Financial Statistics 2

Chair: ***Paresh Kumar Narayan**, Deakin University, Australia*		Room B
14:00 - 14:15	**Modeling Complex Seasonality** ***Paul J. Fields & Phillip Witt**, Brigham Young University, USA*	
14:15 - 14:30	**Masking of Volatility by Seasonal Adjustment** ***Abdul Aziz Muhammad Hayat & Maxwell L King**, Deakin University, Australia*	
14:30 - 14:45	**Estimation of Coefficients in Autoregressive Models of the Financial Time Series by Bootstrap** ***Bohdan Linda & Jana Kubanová**, University of Pardubice, Czech Republic*	
14:45 - 15:00	**Optimal Portfolio with Options in a Framework of Mean-CVaR** ***Thierry Bonnaz**, Azek & **Binh Dao**, Hanoi University, Hanoi*	
15:00 - 15:15	**GARCH-Mixture of Stable Models for Financial Data Analysis** ***Ercan E. Kuruoglu**, ISTI-CNR, Italy **Lea Petrella, Diego Buoncristiani**, & University of Rome, Italy*	

Contributed Session 2C: Classification Techniques

Chair: ***Ha Nguyen**, Pfizer Inc., USA*		Room C
14:00 - 14:15	**Maximum Function in Statistical Classification & Discriminant** ***Vo Van Tai**, Can Tho University, **Thu Gia Pham**, Moncton University, Canada **& To Anh Dung**, University of Sciences, HCM City*	
14:15 - 14:30	**Clust_MCFA: A Model-Based Clustering and Classification Tool for High-Dimensional Data** ***Yunkyoung Jeong, Jangsun Baek**, Chonnam National University, South Korea **& Geoffrey J. McLachlan**, University of Queensland, Australia*	
14:30 - 14:45	**A Study of Different Algorithms Based on k-means** ***Parvesh Kumar & Siri Krishan Wasan**, Jamia Milia Islamia, Delhi, India*	
14:45 - 15:00	**A Credit Classification Method Based on Generalized Additive Models Using Factor Scores of Mixtures of Factor Analyzers** ***Suyeol Lim, Youngsun Jo & Jangsun Baek**, Chonnam National University, South Korea*	
15:00 - 15:15	**A Gini Criterion Split in a Modified Classification Tree** ***Regimar Rasid & Chita P. Evardone**, MSU-Iligan Institute of Technology, Philippines*	

15:30 - 16:00 Coffee Break

Invited Session 3A: Advanced Statistics Methods 1

Organiser: SPC; Chair: ***Paul Switzer**, Stanford University, USA*		Room A
16:00 –17:30	**Analyzing Longitudinal Clinical Data With Dropouts: Role of Sensitivity Analysis** ***Sati Mazumdar, Gong Tang, Fang Zhu, Patricia Houck**, University of Pittsburgh, USA*	

	Modifications on Rescaling Bootstrap and Sitter's Mirror Match Bootstrap in Case of Rare and Illusive Population ***Sanghamitra Pal****, Indian Statistical Institute, India*

Contributed Session 3B: Modern Statistical Methods

Chair: ***Thu Gia Pham****, University of Moncton, Canada*		**Room B**
16:00 - 16:15	**A Modified Quadratic-Based Confidence Interval Estimator for the Binomial Parameter P** ***Junge B. Guillena & Chita P. Evardone****, MSU-Iligan Institute of Technology, Philippines*	
16:15 - 16:30	**Comparison of the Estimates of Correlation Coefficient by Bootstrap and Classical Methods** ***Jana Kubanová & Bohdan Linda****, University of Pardubice, Czech Republic*	
16:30 - 16:45	**B-spline and Kernel Procedures in Estimating Regression Functions and Their Derivatives** ***Xiaoling Dou****, The Institute of Statistical Mathematics, Japan* **&** ***Shingo Shirahata****, Osaka University, Japan*	
16:45 - 17:00	**Developing a Key Index and Determining Sample Size For Measuring Service Performance** ***Jeh-Nan Pan, Tzu-Chun Kuo & Abraham Bretholt****, National Cheng-Kung University, Taiwan*	
17:00 - 17:15	**Handling of Multicollinearity & Missing values in Partial Least Squares based Satisfaction Studies** ***Jacob Eskildsen, Kai Kristensen & Rikke Nielsen****, University of Aarhus, Denmark*	
17:15 - 17:30	**Order Effects in Satisfaction Studies** ***Kai Kristensen, Jacob Eskildsen & Rikke Nielsen****, University of Aarhus, Denmark*	

Invited Session 3C: Designs of Experiments and Related Computation (DOE2)

Sponsor: **IASC-ARS**; Organiser/**Chair:** ***Sung H. Park****, Seoul National University, South Korea*		**Room C**
16:00 - 17:30	**An Applied Study of Design of Experiments in Parameter Optimization Design** ***Zhen He****, Tianjin University, China &* ***Ya-juan Han, Sung H. Park****, Seoul National University, South Korea*	
	DOE in Recent Technology Development by Computer Simulation ***Shu Yamada*** *, Tsukub University, Japan &* ***Hiroki Hashiguchi****, Saitama University, Japan*	
	Extended Central Composite Designs and Related Computation for Second Order ***Sung H. Park****, Seoul National University, South Korea &* ***Zhen He****, Tianjin University, China*	

Tuesday December 2, 2008

Keynote Sessions II

Chair: *Nicholas Fisher, University of Sydney, Australia* — Room A+B+C

09:00 - 09:45	**The Sample Size Determination Problem : Frequentist Vs Bayesian** *Thu Gia Pham, University of Moncton, Canada*
09.45 - 10.30	**Recent Developments in Degradation Modeling and Applications to Reliability Inference** *Vijay Nair, University of Michigan, USA*

10:30 - 11:00 Coffee Break

Invited Session 4A: Financial Statistics 1

Organiser: SPC; Chair: *Philip J Boland, University College Dublin, Ireland* — Room A

11:00 - 12:30	**Some Attempts to the Real-Time Estimation of the Volatility** *Shigeyoshi Ogawa, Ritsumeikan University, Japan*
	Testing the Consumption Based CAPM: Evidence from a New Approach *Paresh Kumar Narayan, Deakin University,Melbourne, Australia & Stephan Poppy, University of Duisburg-Esse, Germany*
	A Fractional Analysis for Modeling Default Risk *Tran Hung Thao, Nguyen Tien Dung, Intarasit Arthit, Institute of Mathematics, VAST, Hanoi & SUT, Thailand*

Contributed Session 4B: Statistical Distributions

Chair: *Thu Gia Pham, University of Moncton, Canada* — Room B

11:00 - 11:15	**Approximation of Multivariate Distribution Functions: Comparing Edgeworth Expansion with Approximation by Means of Copulas** *Margus Pihlak & Veiko Adermann, Tallinn University of Technology, Estonia*
11:15 - 11:30	**Distributions of Determinants of Some Random Matrices in Multivariate Statistical Analysis** *Thu Gia Pham, University of Moncton, Canada*
11:30 - 11:45	**A New Asymmetric Laplace Process** *A.P. Kuttykrishnan, Sir Syed College, Kannur University, Kerala, India*
11:45 - 12:00	**Cramer Property of Multivariate Rayleigh Distributions and Some Related Statistical Problems** *Nguyen Thu Van, International University, HCM City*

Contributed Session 4C: DOE, Quality Control and 6 Sigma

Chair: *Man V. M. Nguyen, Ho Chi Minh City, University of Technology* — Room C

11:00 - 11:15	**A Measure of Robust Slope-Rotatability for Second Order Response Surface Experimental Designs** *Rabindra Nath Das, Burdwan University, India & Sung Hyun Park, Seoul National University, South Korea*
11:15 - 11:30	**Automated Control Charts for Administrative Data with Non-Normal Probability Distributions** *Angela Higginson & Michele Haynes, The University of Queensland Social Research Centre, Australia*

11:30 - 11:45	**Assessment and Evaluation of a Six Sigma Program** ***Peter Martin****, University of Ballarat, Australia*
11:45 - 12:00	**Effects of Heterogeneous Variance on Chart Assuming Known Parameter: A Study from HDD Arm Manufacturing Process in Thailand** ***Wichai Chattinnawat****, Chiang Mai University, Thailand*
12:00 - 12:15	**Case Studies of Statistical Application in Production** ***Siti Aishah Sh Abdullah****, University Technology MARA, Malaya*
12:15 - 12:30	**Optimal Cut Point Determination** ***The Nguyen****, National Economics University, Hanoi* & ***Ben Torsney****, University of Glasgow, UK*

12:30 – 14:00 Lunch Break

Invited Session 5A: Statistics and the Environments

Organiser: SPC; Chair: *Indrani Basak, Penn State Altoona, USA*	**Room A**

14:00 - 15:30	**Air Pollution Mortality – Modeling Individual Exposure and Frailty** ***Paul Switzer****, Stanford University, USA*
	Quantifying the Role of an Industrial Activity on the Environment: – The New Canadian Survey of Industrial Processes ***Soheil Rastan****, Concordia University, Canada*

Contributed Session 5B: Non-parametric Statistics

Chair: ***Heung Wong****, The Hong Kong Polytechnic University, Hong Kong*	**Room B**

14:00 - 14:15	**Confidence Intervals based on Rank Statistics in Simple Linear Models** ***Ng Kok Haur & Lim Mang Hian & Pooi Ah Hin****, Institute of Mathematical Sciences, University of Malaya, Malaya*
14:15 - 14:30	**Nonparametric Hypothesis Testing For Stationary Ergodic Processes** ***Daniil Ryabko****, INRIA, France*
14:30 - 14:45	**Analysis of the Annual Inflation Rates in the Philippines Using Quantile Regression ,** ***Carolina B. Baguio****, MSU-IIT,Iligan, Philippines* & ***Abdellah Salhi*** *University of Essex, UK*
14:45 - 15:00	**Nonparametric test for comparing hazard functions under the additive hazards assumption** ***Hyo-Il Park****, Chong-ju University, South Korea* & ***Seung-Man Hong*** *, Korea University, South Korea*
15:00 - 15:15	**A New Method for Estimating Integrated Volatility in the presence of jumps** ***Jinfang Tian & Bo Zhang****, Renmin University of China, China*

Invited Session 5C: Algebraic Statistics in Designs of Experiments (DOE3)

Organiser/Chair: Maria Piera Rogantin, *Università di Genova, Italy*	**Room C**

14:00 - 15:30	**Constructions of Strength *t*-Orthogonal Arrays: A Few Developments** ***Man V. M. Nguyen****, University of Technology, HCM City*
	Indicator Functions and Sudoku Designs ***Roberto Fontana****, Politecnico di Torino DIMAT, Italy* & ***Maria Piera Rogantin****, Università di Genova*

	Polynomial Algebra in Kriging on a Regular Grid ***Giovanni Pistone**, Politecnico di Torino DIMAT, Italy*

15:30 - 16:00 Coffee Break

Invited Session 6A: Advanced Statistics Methods 2

Organiser: **SPC; Chair:** ***Sati Mazumdar**, University of Pittsburgh, USA*		**Room A**
16:00 - 17:30	**Bayesian Joint Modeling of Incomplete Longitudinal Data** ***Sanjib Basu**, Northern Illinois University, USA*	
	Methods for Analyzing Recurrent Event Data under Competing Risks ***Anupap Somboonsavatdee**, Chulalongkorn University, Thailand*	

Contributed Session 6B: Estimation & Prediction Methods

Chair: ***Prasanta Basak**, Penn State Altoona, USA*		**Room B**
16:00 - 16:15	**Estimations for Three-parameter Inverse Gaussian Distribution Parameters Under Progressively Censoring** ***Prasanta Basak**, Penn State Altoona, USA **& N. Balakrishnan** McMaster University, Canada*	
16:15 - 16:30	**On Least Absolute Value Estimators for Poisson Processes** ***Christian Farinetto**, Université du Maine, France*	
16:30 - 16:45	**State Space Modelling and Variance Estimation under Benchmarking** ***Leonardo Trujillo**, Universidad Nacional de Colombia, Colombia, **Chris Skinner** University of Southampton, UK **& Danny Pfeffermann**, Hebrew University, Israel*	
16:45 - 17:00	**Predictors of Times to Failure of Censored Items in Progressively Censored Samples from Normal Distribution** ***Indrani Basak**, Penn State Altoona, USA **& N. Balakrishnan** McMaster University, Canada*	
17:00 - 17:15	**Missing Covariates in Multiple Linear Regression** ***G. P. Nthoiwa**, Botswana College of Agriculture, Botswana*	
17:15 - 17:30	**Improved Correlation Estimation Using OHLC Prices** ***Ralph Friedman**, Saarland University, Germany*	

Invited Session 6C: Recent Advances in Designs of Experiments 1 (DOE4)

Organiser: **SPC; Chair:** ***John J. Borkowski**, Montana State University, USA*		**Room C**
16:00 - 17:30	**Analysis of Data from Nonorthogonal Multi-Stratum Designs** ***Steven Gilmour & Peter Goos**, Queen Mary, UK*	
	Componentwise Variance Dispersion Graphs for Mixture Experiments ***John J. Borkowski**, Montana State University, USA, **Boonorm Chomtee & Kamnolchanok Panishkan**, Kasetsart University, Thailand*	
	A Model Selection Algorithm for Computer Experiments ***Park Jeong-Soo**, Chonnam National University, South Korea*	
19:00 – 21:30	**CAPS 2008 Conference Dinner** **at Sen Ha Thanh Restaurant** 	

Wednesday December 3, 2008

Invited Session 7A: Financial Statistics 2		
Organiser: SPC; Chair: ***Shigeyoshi Ogawa**, Ritsumeikan University, Japan*		Room A
09:00 - 10:30	**Pricing Credit Portfolio Using Credit Risk Models** ***Budhi A. Surya**, Quantitative Risk Management, Bank of America, N.A*	
	Statistical and Probabilistic Methods for the General Insurance Actuary ***Philip J Boland**, University College Dublin, Ireland*	
	Measuring the Effects of Trust and Satisfaction on Customer Loyalty via Structural Equation Modeling ***Bee Wah Yap & Wan Nushazelin Wan Shahidan**, Universiti Teknologi Mara, Malaya*	

Contributed Session 7B: Modern Data Analysis		
Chair: ***Sati Mazumdar**, University of Pittsburgh, USA*		Room B
09:00 - 09:15	**Fuzzy Error Terms of Heckman Sample Selection Model** ***A. Yusrina & Muhamad Safiih Lola**, Universiti Malaysia Terengganu, Malaysia*	
09:15 - 09:30	**Confidence Interval Statements Construction and Its Application** ***Shiou-Chih Wang**, National Taipei University, Taiwan*	
09:30 - 09:45	**The Keyless Technique of Text Data Mining and It Application** ***Hengsheng Chen**, Chinese Culture University, Taiwan*	
09:45 - 10:00	**An Application of Hierarchical Bayesian Method in Selecting Hazardous Accident Locations** ***Noorizam Daud**, Malaysian Ministry of Works*	

Invited Session 7C: Recent Advances in Designs of Experiments 2 (DOE5)		
Organiser: SPC; Chair: ***Min-Qian Liu**, Nankai University,China*		Room C
09:00 - 10:30	**A Theory of General Minimum Lower-Order Confounding for Regular Factorial Designs** ***Runchu Zhang**, Nankai University & Northeast Normal University*	
	Constructing Supersaturated Designs by Computational Approach ***Hiroki Hashiguchi & Kenta Toyama**, Saitama University, Japan & **Shu Yamada**, Tsukuba University, Japan*	
	Necessary Conditions for the Existence of Hadamard Matrices with Circulant Core ***Ilias Kotsireas & Christos Koukouvinos**, Wilfrid Laurier University, NTUA, Canada*	

10:30 - 11:00 Coffee Break

Invited Session 8A: Hydrological Statistics		
Sponsor: TIES; Organiser/Chair: ***Quanxi Shao**, CSIRO Mathematical and Information Sciences, Australia*		Room A
11:00 - 12:30	**Change-Point Analysis of Hydrological Time Series by Grey Relational Method** ***Wai Cheung Ip, Heung Wong, B. Q. Hu & J Xia**, The Hong Kong Polytechnic University, Hong Kong*	

	Statistical Modelling for Hydrological Extremes ***Quanxi Shao**, CSIRO Mathematical and Information Sciences, Australia*
	Non-parametirc Time Series Models for Forecasting ***Heung Wong**, The Hong Kong Polytechnic University, Hong Kong*
	Prediction of Flow-duration Curves by Using the Hydrological Similarity Index Model ***Ming Li & Quanxi Shao**, CSIRO Mathematical and Information Sciences, Australia*

Contributed Session 8B: Statistics in Real-life

Chair: ***Steven Gilmour**, Queen Mary University of London, UK* — **Room B**

11:00 - 11:15	**Carbon Based Material Processing Method using Statistical Application Technique** ***Nabihah Hashim**, Telekom Malaysia Research & Development Sendirian Berhad, Malaysia*
11:15 - 11:30	**Improvement of Mathematical Modelling of L. Monocytogenes Grown Under Different Temperatures and Different Acids Concentration in Broth System** ***Yuniza Md Yusof, Muhamad Safiih Lola & Mohd Nizam Lani**, University of Malaysia Terengganu, Malaysia*
11:30 - 11:45	**A Blended Learning Approach in Learning Pre-Algebra in a Polytechnic Malaysia** ***Sazali Khalid and Maizam Alias**, University Tun Hussein Onn, Malaysia*
11:45 - 12:00	**The Model of Integrated Work Potential and the Work Competence as a Predictor for Meaningful Performance using Path Analysis with Modetating Vairables** ***Ratna Jatnika & Fitri Ariyanti**, University of Padjadjaran, Bandung, Indonesia*
12:00 - 12:15	**Statistical Analysis of Series of Railway Accidents** ***Gilles Dupin**, RATP, Fontenay sous Bois, France*
12:15 - 12:30	**Nonlinearities and Chaos in Human Eye Movements during Reading** ***Tarik Hadzibeganovic**, University of Graz, Austria, **Matjaz Perc**, University of Maribor, Slovenia, **Maurits van den Noort**, University of Bergen, Norway & **Peggy Bosch**, Nijmegen Institute for Cognition and Information, The Netherlands*

Invited Session 8C: Biopharmaceutical Statistics

Organiser: **SPC**; Chair: ***Ha Nguyen**, Pfizer Inc., USA* — **Room C**

11:00 - 12:30	**Current Biostatistics Development in China** ***Sherry Zhao & Frank Shen**, Roche Pharmaceutical, China*
	Active Region Finder: A Data Mining Approach to Identify Subsets of Patients with High or Low Response ***Jose Alvir, Javier Cabrera, Frank Caridi & Ha Nguyen**, Pfizer Inc. & Rutgers University, USA*

12:30 – 14:00 Lunch Break

Invited Session 9A: Applications of Discrete Choice Modelling in Business and Related Topics

Organiser: ***Partha Lahiri**, University od Maryland, USA*; Chair: ***Dominique Haughton**, Bentley University & Toulouse School of Economics*		**Room A**
14:00 - 15:30	**Discrete Choice Models on the Demand Forecasting for Pre-Launch Products/Services** ***Jongsu Lee, Gicheol Jeong, & Youngsang Cho**, Seoul National University, South Korea*	
	Flexible Forms of Discrete Choice Models: A Non-Parametric Mixed Logit Formulation with Applications to Transportation and Finance ***Cinzia Crillo**, University of Maryland, USA*	
	An Analysis of Port Use Propensity in Western Japan - With A Focus on the Port of Kobe ***Hidekazu Ito**, Kwansei Gakuin University, Japan*	

Contributed Session 9B: Mathematical Statistics

Chair: ***Tran Hung Thao**, Institute of Mathematics, VAST, Hanoi*		**Room B**
14:00 - 14:15	**Means Convergence Theorems and Weak Laws of Large Numbers for Double Arrays of Random Elements in Banach Spaces** ***Le Van Dung, & Nguyen Duy Tien**, Vietnam National University, Hanoi*	
14:15 - 14:30	**The Bounded Law of The Iterated Logarithm for Sequences of Blockwise Independent Random Variables** ***Le Van Thanh & Nguyen Duy Tien**, Vietnam National University, Hanoi*	
14:30 - 14:45	**Some Strong Laws of Large Number for Double Arrays of Random Variables** ***Nguyen Van Quang & Le Van Thanh**, Vinh University, Vinh City*	
14:45 - 15:00	**Estimation of the Diffusion Coefficient in the Gompertzian Stochastic Model in the Presence of Nuisance Parameters** ***T.M. Durairajan**, Loyola College, Chennai, India & **L. Ramprasath** Institute for financial Management and Research, Chennai, India*	

15:30 - 16:00 Coffee Break

Poster Session

14:00 - 16:00	**A Credit Classification Method Based on Generalized Additive Models Using Factor Scores of Mixtures of Factor Analyzers** ***Suyeol Lim, Youngsun Jo & Jangsun Baek**, Chonnam National University, South Korea*
	Towards Skewness Parameter Estimation of Stable Distributions ***Mahdi Teimouri**, Islamic Azad University-Aliabad, Iran*
	L and LH Moments for Statistical Analysis of Extreme Events in Generalized Gumbel Distribution ***Md. Sharwar Murshed, Jeong Bo-yoon & Jeong Soo Park**, Chonnam National University, South Korea.*
	Functional Data Analysis about Korean Music Broadcast data. ***Sang Hoo Yoon**, Chonnam National University, South Korea*
	Geographically Weighted Regression Hybrid Model: Robust Approach ***Nor Hasliza Asngari & Muhamad Safiih Lola**, Universiti Malaya Terengganu, Malaya*

Keynote Session III & Closing Session		
Chair: *Nam-Ky Nguyen, Hanoi University of Science, Hanoi*		**Room A+B+C**
16:00 - 16:45	**Process Mining and RFID** *Dennis K. J. Lin, Penn State University, USA*	
16:45 - 17:00	**Closing Remarks** *Nam-Ky Nguyen, Hanoi University of Science, Hanoi*	