

PROGRAMME

Friday, 23 August 2013, Theatre 4 (T4), 1/F, Meng Wah Complex, The University of Hong Kong

Registration and Opening Ceremony

8:15am – 9:00am	Registration
8:45am – 9:00am	Opening Speech - Professor Jae C. Lee President of the International Statistical Institute

Morning Session

9:00am – 10:00am	<u>Peter Hall</u> <i>Writing a Research Paper, and Submitting It for Publication</i>
10:00am – 10:20am	Coffee Break
10:20am – 11:20am	<u>Byeong Park</u> <i>Nonparametric Additive Models</i>
11:20am – 11:50am	<u>Iris Ivy Gauran</u> (Jan Tinbergen Award: Third place winner) and Ma. Sofia Criselda A. Poblador <i>Classification of Congenital Hypothyroidism using Artificial Neural Networks</i>
11:50am – 12:20pm	<u>Lu Han</u> (Jan Tinbergen Award: Second place winner) <i>Nonlinear Mixed-Effects State Space Models with Applications to HIV Dynamics</i>
12:20pm – 2:00pm	Lunch

Afternoon Session

2:00pm – 3:00pm	<u>Susan Murphy</u> <i>Recent Advances in Statistical Machine Learning and Its Biomedical Applications - Machine Learning Methods for Individualizing Real-Time Treatment Policies</i>
3:00pm – 3:20pm	<u>Mahdi Teimouri</u> (Wakimoto Memorial Fund Recipient) <i>Some Weibull Shape Parameter Estimator Based on Records Values</i>

3:20pm – 3:40pm	<u>Sharon Lee</u> (Wakimoto Memorial Fund Recipient) and Geoffrey J. McLachlan <i>On Automated Gating of Flow Cytometric Data using Finite Mixtures of Unrestricted Multivariate Skew t-Distributions</i>
3:40pm – 4:00pm	<u>Liubov Markovich</u> (Wakimoto Memorial Fund Recipient) <i>Gamma Kernel Estimation of Density Derivatives Based on Dependent Data</i>
4:00pm – 4:45pm	Coffee Break and Poster Session
4:45pm – 5:45pm	<u>John Haslett</u> <i>The Study of Uncertainty in Palaeoclimate Reconstruction</i>
6:00pm – 8:00pm	Banquet Assemble for transportation at 6:00pm at outside of Rayson Huang Theatre (黃麗松講堂)

Saturday, 24 August 2013, Theatre 4 (T4), 1/F, Meng Wah Complex, The University of Hong Kong

Registration

8:30am – 9:00am Registration

Morning Session

9:00am – 10:00am Geoff McLachlan
On the Fitting of Mixture Models to High-Dimensional Data

10:00am – 10:20am **Coffee Break**

10:20am – 11:20am Don Fraser
Why Does Statistics Have Two Theories?

11:20am – 11:50am Abhik Ghosh (Jan Tinbergen Award: First place winner)
On Robust Minimum Divergence Estimation Based on the S-Divergence

11:50am – 12:20pm Rich Leadbeater
The Power of Geographic Analytics

12:20pm – 2:00pm **Lunch**

Afternoon Session

2:00pm – 3:00pm Stephen Stigler
What the History of Estimation Can Teach Us About Approaches to Research

3:00pm – 3:20pm Kun Chen (Wakimoto Memorial Fund Recipient), Ngai Hang Chan, Chun Yip Yau
Empirical Likelihood in Gaussian Long Memory Time Series is Slightly Bartlett Correctable

3:20pm – 3:40pm Shu-Yu Chen (Wakimoto Memorial Fund Recipient), Cathy W.S. Chen and Sangyeol Lee
Bayesian Unit Root Test in Double Markov Switching Heteroskedastic Model

3:40pm – 4:00pm Ali Dastbaravarde (Wakimoto Memorial Fund Recipient)
On Estimation of Population Mean in Judgment Post Stratification Sampling with Concomitant Variable

4:00pm – 4:45pm

Coffee Break and Poster Session

4:45pm – 5:45pm

Hedibert Lopes, R.E. McCulloch and R.S. Tsay
*Parsimony-inducing Prior in High-dimensional Cholesky
Stochastic Volatility Modeling*

Presenter List for Poster Session A

(4:00pm-4:45pm, Friday, 23 August 2013, Room 103, 1/F, Meng Wah Complex, The University of Hong Kong)

Ref No.	Name	Country	Title
1	353275 Mr. Bambang Suprihatin	Indonesia	Delta Method on Bootstrapping of Autoregressive Process
2	363173 Mr. Mahmoud ElSarawy	Egypt	Economic Impacts of Changing Demographics Egypt
3	367531 Mr. LEACKY MUCHENE	Belgium	Road accidents in Kenya: a case of poor road network or human error?
4	375130 Mr. Tilahun Ferede Asena	Ethiopia	MULTILEVEL MODELLING OF MODERN CONTRACEPTIVE USE AMONG RURAL AND URBAN POPULATION OF ETHIOPIA
5	380523 Mr. OLUTOBI SANUADE	GHANA	What are the predictors of caregiver burden in Ghana?
6	380664 Mr. Tantely ANDRIANAVALONA	IVOIRY COAST (CÔTE D'IVOIRE)	Child Labour and Poverty in Madagascar
7	381893 Mr. Kin-yat Liu	China	Robust Estimation for Longitudinal Data with Informative Observation Times
8	382397 Mr. Jeff Tsun Yu Wong	Hong Kong SAR	On the Time Value of Parisian Ruin Time in Sparre Andersen Model
9	383256 Mr. Wilfried Bonou	Benin	Bayesian versus Frequentist Estimators for a Non-Linear Mixed Effects Model: Application to a Population Pharmacokinetic Model
10	385097 Mr. Ibram syah	Indonesia	Spatial coherency of raw statistical data
11	386079 Mr. Fanghu Dong	Hong Kong SAR	A constructive method for finding the mode of the hyper-Dirichlet density
12	388761 Mrs. Xiaohang Wang	Hong Kong SAR	Forecasting multivariate realized stock market volatility: PCA or MFA?
13	388978 Mrs. Damaris Kinyoki	Kenya	Geostatistical Model for mapping Malaria and Malnutrition In Africa
14	391709 Ms. Chuan Hui Foo	Australia	Stochastic Growth Models for Analyzing Crustacean Data
15	394234 Mr. Chan Kin Wai	Hong Kong SAR	New Recursive Estimators of Time-Average Variance Constant

Presenter List for Poster Session B

(4:00pm-4:45pm, Saturday, 24 August 2013, Room 103, 1/F, Meng Wah Complex, The University of Hong Kong)

Ref No.	Name	Country	Title
1	355710 Ms. Yang Liu	China	Establish an Ideal World without Wars -- Predicting and Managing Wars by Ensemble Learning
2	363867 Mr. Pak Hang Lo	Hong Kong SAR	Buffered conditional volatility process
3	364820 Mr. Ryan Ho Leung Ip	China	Composite Likelihood Approach for Multivariable Spatio-Temporal Processes
4	365566 Ms. Embareka (Farouk) Abouellial	Egypt	DETERMINANTS OF EXPORT DIVERSIFICATION AT ALL MARGINS
5	370169 Mr. Herve Jean Louis GUENE	Burkina Faso	Poverty Alleviation in Burkina Faso: An Analytical Approach
6	372041 Ms. Halima Twabi	Malawi	Assessing the factors that affect access and utilization to antenatal care services among pregnant women in Malawi
7	379146 Dr. Rosalba Manna	Italy	Inequality decomposition using regression-based methods in a longitudinal study
8	380194 Mr. Siraj Osman	Sudan	Biometrics Education for Capacity Building in Agriculture Research
9	380294 Mr. Zehang Li	Hong Kong SAR	Self-Exciting Point Process for Online Auctions
10	380502 Mr. NEMBOT Boris	Cameroon	Comparative analysis of estimations of input-output table and make-use table
11	380697 Ms. Adjele Latzey WILSON	IVOIRY COAST (CÔTE D'IVOIRE)	Does the gender influence the economic development of African countries?
12	381961 Ms. Baiq Rini Adekayanti	Indonesia	Structural Modeling of Social Support and Personality Traits toward Job Burnout and Job Satisfaction
13	385730 Mr. Kennedy Kirui	KENYA	DETERMINANTS OF AGE AT FIRST MARRIAGE IN KENYA: A COMPARATIVE ANALYSIS BETWEEN NYANZA AND CENTRAL PROVINCE IN KENYA
14	385811 Dr. ChihHao Chang	Taiwan	Asymptotic Theory for Geostatistical Regression Model Selection
15	388567 Mr. Steve Ma	China	ON THE LONG MEMORY OF AUTOREGRESSIVE CONDITIONAL DURATION MODEL