Saturday, May 30

08:00-17:30 **Registration** Room 25

08:50-9:00 **Welcome Address** Room 21

09:00-9:50 **ET Lecture** Room 21

Session Chair: William T.M. Dunsmuir (The University of New South Wales)

- *Nonparametric Approaches to Random Utility Models*
  Yuichi Kitamura (Yale University)

09:50-10:30 **Invited Session I** Room 21

Session Chair: William T.M. Dunsmuir (The University of New South Wales)

- *On Bias in the Estimation of Structural Break Points*
  Jun Yu (Singapore Management University)

10:30-10:40 **Coffee Break** Room 23

10:40-12:00 **Contributed Session I**

I-A Social Interactions Model Room 24

Session Chair: Arthur Lewbel (Boston College)

- *Social Interactions under Incomplete Information with Multiple Equilibria*
  Chao Yang (Ohio State University)

- *Testing for Multiple Equilibria in Continuous Dependent Variables*
  Zhengfei Yu (UBC)

- *A Structural Pairwise Regression Model with Individual Heterogeneity*
  Zhentao Shi (Yale University)

- *Necessary Luxuries: A New Social Interactions Model, Applied to Keeping Up With the Joneses in India*
  Arthur Lewbel (Boston College)

I-B Panel Data Analysis I — Room 26

Session Chair: Hyungsik Roger Moon (University of Southern California)

- *Determining the Number of Groups in Latent Panel Structures with an Application to Income and Democracy*
  Xun Lu (Hong Kong University of Science and Tech)
  Liangjun Su (Singapore Management University)

- *The Determinants of Health Care Expenditure and Trends Analysis of OECD countries: A semiparametric Panel Data Analysis*
  Ming Kong (Monash University)
  Jiti Gao (Monash University)
  Xueyan Zhao (Monash University)

- *Tests of Block Zero Restrictions in Common Factor Models*
  Dukpa Kim (Korea University)

- *LM Test of Neglected Correlated Random Effects and Its Application*
  Jinyong Hahn (UCLA)
  Hyungsik Roger Moon (University of Southern California)
  Connan Snider (UCLA)

I-C Financial Time Series Model — Room 28

Session Chair: Heejoon Han (Sungkyunkwan University)

- *Likelihood Ratio Based Tests for Markov Regime Switching*
  Zhongjun Qu (Boston University)
  Fan Zhuo (Boston University)

- *Nonparametric Estimation of the Leverage Effect using Information from Derivatives Markets*
  Ilze Kalnina (University of Montreal)
  Dacheng Xiu (University of Chicago)

- *Continuous Time Stochastic Volatility Models with Regime Shifts*
  Seungmoon Choi (University of Seoul)

- Semiparametric Multiplicative GARCH-X Model: Adopting Economic Variables To Explain Volatility
  Heejoon Han (Sungkyunkwan University)
  Dennis Kristensen (University College London)

12:00-13:10 **Lunch** Room 22, 32, 33

13:10-14:30 **Invited Session II** Room 21

Session Chair: Yuichi Kitamura (Yale University)

- *Stochastic Delay Differential Equations as Weak Limits of GARCH Processes*
  William T.M. Dunsmuir (The University of New South Wales)

- *A Multilevel Factor Model: Identification, Asymptotic Theory and Applications*
  In Choi (Sogang University)

14:30-14:40 **Coffee Break** Room 23

14:40 to 16:00 **Contributed Session II**

II-A Program Evaluation Room 24

Session Chair: Shin Kanaya (University of Aarhus)

- *Forecasting Treatment Effects*
  Yu-Chin Hsu (Academia Sinica)
  Tsung-Chih Lai (National Taiwan University)
  Robert Lieli (Central European University and the Nati)

- *The Effect of Measurement Error in the Sharp Regression Discontinuity Design*
  Takahide Yanagi (Hitotsubashi University)

- *An Alternative Assumption to Identify LATE in Regression Discontinuity Designs*
  Yingying Dong (University of California Irvine)

- *Estimating the Impact of Means-tested Subsidies under Treatment Externalities with Application to Anti-Malarial Bednets*
  Shin Kanaya (University of Aarhus)

II-B Nonstationary Time Series — Room 26

Session Chair: Mototsugu Shintani (University of Tokyo)

- *Averaging Estimators for Cointegrated Vector Autoregressive Models*
  Yundong Tu (Guanghua School of Management, Peking University)
  Yanping Yi (Shanghai University of Finance and Economics)

- *Determination of Vector Error Correction Models in higher Dimenensions*
  Chong Liang (Karlsruhe Institute of Technology)
  Melanie Schienle (Leibniz University Hannover)

- *Fractional Unit Root Tests Allowing for a Structural Change under Both the Null and Alternative Hypotheses*
  Seong Yeon Chang (Xiamen University)
  Pierre Perron (Boston University)

- *Testing for Flexible Nonlinear Trends with an Integrated or Stationary Noise Component*
  Pierre Perron (Boston University)
  Mototsugu Shintani (University of Tokyo)
  Tomoyoshi Yabu (Keio University)

II-C Applied Econometrics — Room 28

Session Chair: Heather Anderson (Monash University)

- *Tests for the Validity of Portfolio or Group Choice in Financial and Panel Regressions*
  Atsushi Inoue (Vanderbilt University)
  Barbara Rossi (ICREA-Univ. Pompeu Fabra, Barcelona GSE)

- *Some theoretical results on forecast combinations*
  Laurent Pauwels (University of Sydney)

- *New Methodology for Constructing Real Estate Price Indices Applied to the Singapore Residential Market*
  <u>Liang Jiang</u> (Singapore Management University)

- *The Effects of Productivity Gains in Asian Emerging Economies: A Global Perspective*
  Taya Dumrongrittikul (University of Queensland)
  <u>Heather Anderson</u> (Monash University)
  Farshid Vahid (Monash University)

16:00-16:10 **Coffee Break** Room 23

16:10-17:30 **Contributed Session III**

<u>**III-A Specification Test**</u> Room 24

Session Chair: Brendan Beare (UCSD)

- *A New Class of Tests for Overidentifying Restrictions*
  <u>Xuexin Wang</u> (Xiamen University)

- *Generalized Information Matrix Test for Copulas*
  <u>Artem Prokhorov</u> (University of Sydney)
  Ulf Schepsmeier (TUM)
  Yajing Zhu (Concordia University)

- *Testing the Number of Components in Normal Mixture Regression Models*
  Hiroyuki Kasahara (University of British Columbia)
  <u>Katsumi Shimotsu</u> (University of Tokyo)

- *An improved bootstrap test of density ratio ordering*
  <u>Brendan Beare</u> (UCSD)
  Xiaoxia Shi (University of Wisconsin at Madison)

III-B Time Series Analysis — Room 26

Session Chair: Bibo Jiang (Fudan University)

- *Testing for Shifts in Mean with Monotonic Power against Multiple Structural Changes*
  Daisuke Yamazaki (Hitotsubashi University)

- *Estimation of Longrun Variance of Continuous Time Stochastic Process Using Discrete Sample*
  Ye Lu (Indiana University)
  Joon Park (Indiana University)

- *Test for Stationarity at High Frequency*
  Bibo Jiang (Fudan University)
  Ye Lu (Indiana University)
  Joon Park (Indiana University)

III-C International Finance and Econometrics — Room 28

Session Chair: Erdenebat Bataa (National University of Mongolia)

- *Heterogeneous Agents, the Financial Crisis and Exchange Rate Predictability*
  Daniel Buncic (University of St. Gallen)

- *Local Deviations from Uncovered Interest Parity: Kernel Smoothing Functions and the Role of Fundamentals*
  Kun Ho Kim (Hanyang University)

- *Changes in International Business Cycle Affiliations*
  Erdenebat Bataa (National University of Mongolia)
  Denise R. Osborn (Univeristy of Manchester)
  Dick van Dijk (Erasmus University Rotterdam)

18:30-20:30 **Conference Dinner (Tachikawa Palace Hotel)**

Sunday, May 31

08:00-16:00 **Registration** Room 25

09:10-10:30 **Contributed Session IV**

IV-A Nonparametric Identification / Partially Identified Models Room 24

Session Chair: Hiroaki Kaido (Boston University)

- *Single market nonparametric identification of multi-attribute hedonic equilibrium models*
  Victor Chernozhukov (MIT)
  Alfred Galichon (Sciences Po)
  Marc Henry (The Pennsylvania State University)
  Brendan Pass (University of Alberta)

- *Identification and Estimation of Production Function with Unobserved Heterogeneity*
  Hiroyuki Kasahara (University of British Columbia)

- *Model Selection Tests for Conditional Moment Restriction Models*
  Yu-Chin Hsu (Academia Sinica)
  Xiaoxia Shi (University of Wisconsin at Madison)

- *Robust Confidence Regions for Incomplete Models*
  Larry Epstein (Boston University)
  Hiroaki Kaido (Boston University)
  Kyoungwon Seo (Korea Advanced Institute of Science)

IV-B Panel Data Analysis II Room 26

Session Chair: Ping Yu (University of Hong Kong)

- *The Role of STC in International Trade Patterns: A Dynamic Panel Data Analysis with Attrition*
  Xingang Wang (University of Auckland)
  Xuewan Xu (University of Auckland)
  Ping Yu (University of Hong Kong)

- *High Dimensional Variable Selection in Dynamic Panel Data Models via GMM Shrinkage Estimation*
  Liangjun Su (Singapore Management University)
  Xiaoliang Wang (Shanghai Jiao Tong University)

- *Instrumental Variable Estimation of Panel Data Models with Weakly Exogenous Variables*
  Joerg Breitung (University of Cologne)
  Kazuhiko Hayakawa (Hiroshima University)
  Meng Qi (Hiroshima University)

IV-C Financial Econometrics Room 28

Session Chair: George Tauchen (Duke University)

- *Real Time Monitoring for Abnormal Events: an Application to Influenza Outbreaks*
  Yao Rao (The University of Liverpool)
  Brendan McCabe (University of Liverpool)

- *Optimal Conditional Hedge Ratio: A Simple Shrinkage Estimation Approach*
  Myeong Jun Kim (Korea University)

- *A Study on Market Microstructure Noise*
  Yingjie DONG (Singapore Management University)

- *Jump Regressions*
  Jia Li (Duke University)
  Viktor Todorov (Northwestern University)
  George Tauchen (Duke University)

10:30-10:40 **Coffee Break** Room 23

10:40 to 12:00 **Contributed Session V**

V-A Nonparametric Estimation of Additive and Non-additive Models Room 24

Session Chair: Jen-Che Liao (Academia Sinica)

- *On the Validity of the Pairs Bootstrap for Lasso Estimators*
  Lorenzo Camponovo (University of St.Gallen)

- *Semiparametric Estimation of a Panel Data Model without Monotonicity or Separability*
  Songnian Chen (HKUST)
  <u>Xi Wang</u> (HKUST)

- *Nonparametric Additive Instrumental Variable Estimator: A Group Shrinkage Estimation Perspective*
  <u>Michael Fan</u> (Xiamen University)

- *Nonparametric Additive Quantile Regression with Generated Regressors*
  <u>Jen-Che Liao</u> (Academia Sinica)

V-B Spatial Econometrics Room 26

Session Chair: Xi Qu (Shanghai Jiao Tong University)

- *Adaptive estimation under pure spatial autoregressive model*
  <u>Jungyoon Lee</u> New College of the Humanities

- *Autoregressive Spectral Estimates for Stationary Spatial Processes*
  <u>Abhimanyu Gupta</u> (Essex University)

- *Indirect Inference in Spatial Autoregression*
  <u>Maria Kyriacou</u> (University of Southampton)
  Peter Phillips (Yale University)
  FRANCESCA ROSSI (University of Southampton)

- *2SIV Estimation of A Dynamic Spatial Panel Data Model with Endogenous Spatial Weight Matrices*
  Lung-fei Lee (Ohio State University)
  <u>Xi Qu</u> (Shanghai Jiao Tong University)
  Xiaoliang Wang (Shanghai Jiao Tong University)

V-C Macroeconomic Time Series — Room 28

Session Chair: Ruey Yau (National Central University)

- *Regression-Based Mixed Frequency Granger Causality Tests*
  Eric Ghysels (UNC)
  Jonathan Hill (University of North Carolina)
  Kaiji Motegi (Waseda University)

- *Testing for Identication in Structural Vector Autoregressions with GARCH Residuals*
  Helmut Lütkepohl (DIW Berlin)
  George Milunovich (Macquarie University)

- *Wicksell versus Taylor: A Quest for Determinacy and the (Ir)relevance of the Taylor Principle*
  Rodrigo Caputo (Banco Central de Chile)

- *Estimating Monthly GDP for a Small Open Economy: Structural versus Reduced-Form Mix-Frequency Models*
  Ruey Yau (National Central University)

12:00-13:10 **Lunch** Room 22, 32, 33

13:10-14:30 **Invited Session III** Room 21

Session Chair: In Choi (Sogang University)

- *An Overview of Forecasting Using Model Combination*
  Graham Elliott (University of California, San Diego)

- *Optimal Data Collection in Randomized Experiments*
  Simon Lee (Seoul National University)

14:30-14:40 **Coffee Break** Room 23

14:40-16:00 **Contributed Session VI**

<u>VI-A Panel Data Analysis III</u> Room 26

Session Chair: Yoosoon Chang (Indiana University)

- *A Semiparametric Panel Approach to Mortality Modeling*
  <u>HAN LI</u> (Monash University)
  COLIN O'HARE (Monash University)
  XIBIN ZHANG (Monash University)

- *Panel data models with grouped factor structure under unknown group membership*
  <u>Tomohiro Ando</u> (Keio Univesity)
  Jushan Bai (Columbia University)

- *Sieve Estimation of Time-Varying Panel Data Models with Latent Structures*
  <u>Liangjun Su</u> (Singapore Management University)

- *Disentangling Temporal Patterns in Elasticities: A Functional Coefficient Panel Analysis of Electricity Demand*
  <u>Yoosoon Chang</u> (Indiana University)
  Yongok Choi (Korea Development Institute)
  Chang Sik Kim (Sungkyunkwan University)
  J. Isaac Miller (University of Missouri)
  Joon Park (Indiana University)

<u>VI-B Bayesian Econometrics and Simulation Methods</u> Room 28

Session Chair: Kirill Evdokimov (Princeton University)

- *Empirical Bayes Methods for Dynamic Factor Models*
  Siem Jan Koopman (VU University Amsterdam)
  <u>Geert Mesters</u>

- *Estimation of Inefficiency in Stochastic Frontier Models: A Bayesian Kernel Approach*
  <u>Chuan Wang</u> (Monash University)

- *The Effects of Fiscal Policy under the Zero Lower Bound of Nominal Interest Rate in Japan: Time-Varying Parameters Vector Autoregrresion Approach*
  Hiroshi Morita (Hitotsubashi University)

- *Efficient Estimation with Finite Number of Simulation Draws per Observation*
  Kirill Evdokimov (Princeton University)

End of the SETA2015 meeting. Thank you for coming.