

The 6th International Symposium on Econometric Theory and Applications

Date: 2010.04.29-05.01

Host: Singapore Management University (SMU) in Singapore

Theme: Econometric Theory with Application in Macroeconomics and Finance

Program Summary:

2010.04.29	
Venue	Seminar Room 1.1
8:30-9:30	Keynote Address 1 Implicit Maps and New Unit Root Limit Theory-Peter Phillips
9:30-10:20	Invited Session 1 Inference for VARs Identified with Sign Restrictions-Roger Moon and Frank Schorfheide
10:20-10:40	Tea Break

Seminar Room 1.2

10:40-12:10 Session 1: Continuous Time Models

- Infinitesimal Operator Based Conditional GMM Estimation for Diffusion Models-Zhaogang Song
- Estimating Multivariate Continuous Time Models -Xiaohu Wang, Peter C.B. Phillips and Jun Yu
- Estimation of Multivariate Jump Diffusions with Strong Approximations-Xiao Huang

12:10-13:40 Lunch Break

Poster Session 1

- Inference in Asset Pricing Models with a Low Variance Factor-Hua Shang
- Testing for Periodically Collapsing Bubbles: An Generalized Sup ADF Test-Shu-Ping Shi
- Estimating the GARCH Diffusion: Simulated Maximum Likelihood in Continuous Time-Tore Selland Kleppe, Jun Yu and Hans J. Skaug

Session 2: Factor Models

- Forecasting with Grouped Dynamic Factor Models-Pu Chen
- Technology Shocks and Hours Worked: New Evidence from a Structural Factor Model-Tatjana Dahlhaus
- Dynamic Factor Models with Smooth Loadings for Analyzing the Term Structure of Interest Rates-Borus Jungbacker, Siem Jan Koopman and Mickel van der Wel

- Finite Sample Behavior of The Hill Estimator under a Stable Distributions and Monte Carlo Based Method of Estimation for The Tail Exponent-Lukas Vacha and Jozef Barunik

13:40-14:30 Invited Session 2

The Role of Distributional Information in Financial Markets-Zhijie Xiao

14:30-16:00 Session 3: Econometric Applications I

- Dating the Timeline of Financial Bubbles during The Subprime Crisis-Peter C.B. Phillips and Jun Yu
- Unobserved Expectations, Omitted Dynamics, and the New Keynesian Phillips Curve Estimation -Zhang Chengsi
- Semiparametric Panel Model for Climate Change in the United Kingdom-Alev Atak, Oliver Linton and Zhijie Xiao

16:00-16:20 Tea Break

Session 4: Time Series Methods I

- Time Variation in Asset Return Dependence: Strength or Structure-Thijs Markwat, Erik Kole and Dick van Dijk
- Time-varying Cointegration Relationship between Dividends and Stock Price-Cheolbeom Park and Chang-Jin Kim
- Density Forecast Evaluation for Dependent Data -Aurobindo Ghosh and Anil Bera

16:20-17:50 Session 5: Unit Root and Near Unit Root

- Bias in The Mean Reversion Estimator in The Continuous Time Gaussian and Levy Processes -Aman Ullah, Yun Wang and Jun Yu
- Gaussian Inference in General AR(1) Models Based on Long Difference-Jhih-Gang Chen and Biing-Shen Kuo
- Asymptotic Distributions of The Least Squares Estimator for Diffusion Processes-Qiankun Zhou and Jun Yu

Session 6: Structural Breaks

- Estimation of Change Points in Panel Models-Qu Feng, Chihwa Kao and Stepana Lazarova
- Estimating a Common Deterministic Time Trend Break in Large Panels with Cross Sectional Dependence -Dukpa Kim
- Model Specification in Panel Data Unit Root Tests with an Unknown Break-Felix Chan and Laurent Pauwels

19:00 Dinner

2010.04.30

Venue Seminar Room 1.1

Seminar Room 1.2

8:30-9:30 ET Lecture
Small Bandwidth Asymptotics for Density Weighted Average Derivatives-Michael Jansson, Matias Cattaneo and Richard Crump

9:30-10:20 Invited Session 3

Testing Rates- Federico Bandi and Valentina Corradi

10:20-10:40 Tea Break

10:40-12:10 Session 7: Realized Variance

- Do Jumps Matter? Forecasting Multivariate Realized Volatility allowing for Common Jumps
-Yin Liao, Heather M. Anderson and Farshid Vahid
- Simultaneous Identification of Integrated Volatility and Noise Variance-Jin-Huei Yeh, Jying-Nan Wang and Yu-Pin Hu
- A Bias-Corrected Rate-Optimal Estimator of the Integrated Covariance of Multiple Security Returns with Serially Dependent Noise-Shinsuke Ikeda

12:10-13:40 Lunch Break

Session 8: Financial Econometrics

- On the Hansen-Jagannathan distance with a no-arbitrage constraint-Raymond Kan, Nikolay Gospodinov and Cesare Robotti
- Measuring Asymmetries in Financial Returns: A New Approach using Local Gaussian Correlation-Bård Støve, Karl Ove Hufthammer and Dag Tjøstheim
- Asymmetric CAPM dependence for large dimensions: the Canonical Vine Autoregressive Model-Andreas Heinen and Alfonso Valdesogo

Poster Session 2

- Nowcasting Chinese GDP: Information Content of Economic and Financial Data-Matthew S. Yiu and Kenneth K. Chow
- Predicting extreme VaR: An assessment of nonparametric quantile regression in combination with extreme value theory-Julia Schaumburg
- Currency Misalignments and Growth: A New Look using Nonlinear Panel Data Methods-Sophie Béreau and Antonia López-Villavicencio
- The Impact of Inflation Uncertainty on Interest Rates-Chongcheul Cheong, Gi-Hong Kim and Jan M. Podivinsky
- Identifiable Uniqueness Conditions for a Large Class of M-Estimators in the Context of Possibly Misspecified Nonlinear Regression Models-Francisco Blasques

13:40-14:30 Invited Session 4

Measurement Errors in Dynamic Models-Serena Ng
and Ivana Komunjer

14:30-16:00 Session 9: Time Series Methods II

- Generalized Spectral Estimation of Time Series Conditional Moment Restrictions Models with Infinite Dimensional Conditioning Set-Zhaogang Song and Jingxian Zheng
- Parameter estimation in nonlinear AR-GARCH models-Mika Meitz and Pentti Saikkonen
- Skewness and Kurtosis Coefficients in Finite Samples and a Generalized Jarque-Bera Test-Yong Bao

16:00-16:20 Tea Break

16:20-17:50 Session 11: Econometric Applications II

- The Real Time Monitoring Structural Change Tests and the U.S Subprime Crisis-Shin-Huei Wang and Cheng Hsiao

Session 10: Panel Data Models

- Asymptotically unbiased estimation of autocovariances and autocorrelations with panel data in the presence of individual and time effects- Ryo Okui
- Panel Threshold Regression Models with Endogenous Threshold Variables-Chien-Ho Wang and Eric S. Lin A
- Structural Estimation for the Effects of Uncertainty on Capital Accumulation with Heterogeneous Firms -Stephen R. Bond, Måns Söderbom and Guiying Laura Wu

Session 12: Nonparametric Methods

- A Nonparametric Goodness-of-fit-based Test for Conditional Heteroskedasticity-Liangjun Su and Aman Ullah

- Demand Systems Incorporating Intertemporal Consumption Dynamics-H. Youn Kim, Keith R. McLaren and K. K. Gary Wong

- Nonparametric Quantile Regression with Discontinuities-Tatsushi Oka
- Nonparametric Estimation and Instrument Selection in the Conditional Capital Asset Pricing Model-Zongwu Cai and Yu Ren

19:00 Dinner

2010.04.30

Venue Seminar Room 1.1

Seminar Room 1.2

8:30-9:30

Keynote Address 2

Integrated Quarticity Estimation: Theory and Practical Implementation-Torben Andersen, Dobrislav Dobrev and Ernst Schaumburg

9:30-10:20

Invited Session 5

Realized GARCH: A Complete Model of Returns and Realized Measures of Volatility-Peter Hansen

10:20-10:40

Tea Break

10:40-12:10 Session 13: Microeconometrics

- Quantile Regression on Quantile Ranges-
Chung-Ming Kuan and Christos Michalopoulos
- Nonstandard Estimation of Inverse Conditional
Density-Weighted Expectations-Chuan Goh

12:10-13:40 Lunch Break

13:40-14:30 Invited Session 6

Linear processes: Asymptotic Theory and some
Applications-Luidas Giraitis

14:30-15:20 Invited Session 7

Native Bias Correction by X-differencing for
Autoregressions and Dynamic Panels-Chirok Han, Peter
C.B. Phillips and Donggyu Sul

Session 14: Econometric Applications III

- Density Forecast Evaluation Using Data-Driven Smooth
Test-Sung Yong Park and Yupeng Zhang
- Measurement of Social Preference from Utility-Based
Choice Experiments-Katsunori Yamada, Masayuki Sato
and Yasuhiro Nakamoto

End of Program