The 9th International Symposium on Econometric Theory and Applications

(SETA 2013)

20-21 July, 2013 Seoul, Korea

Organized by

Center for Econometric Research Sungkyunkwan University, Seoul, Korea

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Speakers

Keynote Speakers

Tim Bollerslev (Duke University) Oliver Linton (Cambridge University) - ET Lecturer

Invited Speakers

Xiaohong Chen (Yale University) Bjorn Eraker (University of Wisconsin) Yanqin Fan (Vanderbilt University) Nour Meddahi (Toulouse School of Economics) Andrew Patton (Duke University) Jun Yu (Singapore Management University)

Program Summary

Day 1 (Saturday, July 20, 2013)			
8:00 am - 8:30 am	Registration		
8:30 am - 8:45 am	Opening Remarks and Welcome Speech		
8:45 am - 9:30 am	Plenary Session 1 – Tim Bollerslev		
	(International Hall 90110)		
9:30 am - 9:40 am	Coffee Break		
9:40 am - 11:00 am	Contributed Session 1A/1B/1C :		
	Financial Econometrics / Panel Data Analysis / Semiparametric Methods		
	(International Hall 90104/90110/90109)		
11:00 am - 11:10 am	Coffee Break		
11:10 am - 12:30 pm	Contributed Session 2A/2B/2C :		
	Time Series 1 / Time Series Topics / Nonparametric Inference		
	(International Hall 90104/90110/90109)		
12:30 pm - 1:30 pm	Buffet Lunch at International Hall, SKKU		
1:30 pm - 2:50 pm	Invited Session 1 – Andrew Patton, Yanqin Fan		
	(International Hall 90110)		
2:50 pm - 3:00 pm	Coffee Break		
3:00 pm - 4:20 pm	Contributed Session 3A/3B/3C :		
	Empirical Finance / Empirical Macroeconomics 1/ Applied Econometrics 1		
	(International Hall 90104/90110/90109)		
4:20 pm - 4:30 pm	Coffee Break		
4:30 pm - 5:50 pm	Invited Session 2 – Jun Yu, Nour Meddahi		
	(International Hall 90110)		
5:50 pm - 6:30 pm	Bus to Chosun Hotel for Conference Dinner		
7:00 pm - 7:30 pm	Performance: Korean Traditional Dance by SKKU Dance Team		
7:30 pm - 8:45 pm	Conference Dinner		
8:45 pm - 9:15 pm	Performance: Nanta		

Day 2 (Sunday, July 21, 2013)			
8:45 am - 9:30 am	Plenary Session 2 (ET Lecture) – Oliver Linton		
	(International Hall 90110)		
9:30 am - 9:40 am	Coffee Break		
9:40 am - 11:00 am	Contributed Session 4A/4B/4C:		
	Forecasting / Structural Change / Microeconometrics		
	(International Hall 90104/90110/90109)		
11:00 am - 11:10 am	Coffee Break		
11:10 am - 12:30 pm	Contributed Session 5A/5B/5C:		
	Time Series 2 / Empirical Macroeconomics 2 / Econometrics Models		
	(International Hall 90104/90110/90109)		
12:30 pm - 2:30 pm	Lunch – Traditional Korean Course Meal		
	(Jin-Sa-Gak, Yurim Hall near SKKU)		
2:30 pm - 3:50 pm	Contributed Session 6A/6B/6C		
	Time Series 3 / Empirical Macroeconomics 3 / Applied Econometrics 2		
	(International Hall 90104/90110/90109)		
3:50 pm – 4:00 pm	Coffee Break		
4:00 pm - 5:20 pm	Invited Session 3 – Xioahong Chen, Bjorn Eraker		
	(International Hall 90110)		

Program

Day 1 (Saturday, July, 20, 2013)		
8:00 am - 8:30 am	Registration	
Lobby, International Hall		
8:30 am - 8:45 am	Opening Remarks and Welcome Speech	
International Hall 90110		
8:45 am - 9:30 am	Plenary Session 1	
International Hall 90110	Tim Bollerslev, Duke University "Stock Return Predictability and Tail Risk Premia"	
9:30 am - 9:40 am	Coffee Break	
Lobby, International Hall		
9:40 am - 11:00 am	Contributed Session 1A/1B/1C	
1A: Financial Econometrics	Modeling Multivariate Diffusions Using Reducible Stochastic Differ- ential Equations: A Likelihood-Based Approach	
International Hall 90104	Ruijun Bu, The University of Liverpool	
	Leverage and Feedback Effects on Multifactor Wishart Stochastic Volatility for Option Pricing	
	Manabu Asai, Soka University, and University of Pennsylvania Michael McAleer, Erasmus University Rotterdam, Tinbergen Institute Kyoto University and Complutense University of Ma- drid	
	Testing for Unit Roots in Discrete Samples from Diffusion Models	
	Jihyun Kim , Indiana University Joon Y. Park, Indiana University and Sungkyunkwan University	
	Explicit Form of Approximate Transition Density Functions of Diffu- sion Processes	
	Seungmoon Choi, School of Economics, University of Adelaide	
1B: Panel Data Analysis	Nonparametric Dynamic Panel Data Models with Interactive Fixed Effects: Sieve Estimation and Specification Testing	
International Hall 90110	Liangjun Su, Singapore Management University Yonghui Zhang, Singapore Management University	
	Adaptive Elastic Net GMM Estimation with Many Invalid Moment Conditions: An Application to Dynamic Panel Data Models	

	Factor		
	Regime Switching Model with Autoregressive Endogenous Latent		
	Chang-Jin Kim, University of Washington and Korea university Jaeho Kim , University of Washington		
	An Efficient Bayesian Inference of Regime-Switching ARMA Models: Dynamics of Ex-Ante Real Interest Rate under Regime Shifts		
International Hall 90104	Daisuke Yamazaki , Hitotsubashi University Eiji Kurozumi, Hitotsubashi University		
2A: Time Series 1	Testing for Parameter Constancy in the Time-Series Direction in Fixed-Effect Panel Data Models		
11:10 am - 12:30 pm	Contributed Session 2A/2B/2C		
Lobby, International Hall			
11:00 am - 11:10 am	Coffee Break		
	Chuan Goh, University of Wisconsin – Milwaukee		
	Semiparametric <i>M</i> -Estimation of Single-Index Models With Covariates Having Unbounded Support		
	Jong-Myun Moon, University of California, San Diego		
	Sieve Extremum Estimation Of Transformation Model		
	Monash University Jiti Gao, University of Adelaide, University of Canterbury and Monash University		
	Monash University Patrick. W. Saart, University of Adelaide, University of Canterbury and		
	Control Function Approach Nam. H. Kim, University of Adelaide, University of Canterbury and		
	Semi-parametric Analysis of Shape-Invariant Engel Curves with		
International Hall 90109	Heng Cheny, Bank of Canada		
1C: Semiparametric Methods	Local Polynomial Wavelet Estimation of the Local Average Treatment Effect		
	Daisuke Yamazaki, Hitotsubashi University Kaddour Hadri, Queen's University		
	Covariate Unit Root Test for Cross-Sectionally Dependent Panel Eiji Kurozumi, Hitotsubashi University		
	Jungmo Yoon, Claremont Mckenna College		
	Antonio Galvao, University of Iowa and University of Wisconsin-Milwaukee		
	Robust Inference for Panel Quantile Regression Models with Individ- ual Fixed Effects and Serial Correlation		
	Xu Han, City University of Hong Kong Yoonseok Lee, Syracuse University		
	Mehmet Caner, North Carolina State University		

	Vongel Chai Indiana Universita	
Yongok Choi , Indiana University Joon Y. Park, Indiana University and Sungkyunkwan U		
	boon 1.1 and manana om voisity and bangkyank wan om voisity	
	Conditionally Efficient Estimation of Long-run Relationships Using Mixed-frequency Time Series	
	J. Isaac Miller, University of Missouri	
2B: Time Series Topics	Model Selection for Factor Analysis: Some New Criteria	
	and Performance Comparison	
International Hall 90110	In Choi, Sogang University HanBat Jeong, Sogang University	
	Bayesian Bandwidth Selection in Nonparametric Time–Varying Coefficient Models	
	Tingting Cheng , Monash University Jiti Gao, Monash University	
	Xibin Zhang, Monash University	
	On One-Sided Score Tests: An Application to Tests of GARCH Effects	
	Zeng-Hua Lu, University of South Australia	
	Structural-Break Models under Mis-Specification: Implications for Forecasting	
	Bonsoo Koo, Monash University Myung Hwan Seo, London School of Economics	
2C: Nonparametric Inference	Specification Testing Driven by Orthogonal Series in Nonlinear and Nonstationary Time Series Models	
International Hall 90109	Chaohua Dong , Monash University Jiti Gao, Monash University	
	Series Estimation under Cross-sectional Dependence	
	Jungyoon Lee , New College of the Humanities London School of Economics Peter M. Robinson, New College of the Humanities London School of Economics	
	Nonparametric Estimation of Conditional Value-at-Risk and Expected Shortfall Based on Extreme Value Theory	
	Carlos Martins-Filho , University of Colorado Feng Yao, West Virginia University	
	Nonparametric Tests of Likelihood Ratio Ordering	
	Brendan K. Beare , University of California, San Diego Jong-Myun Moon, University of California, San Diego	
12:30 pm - 1:30 pm	Lunch	
Lobby, International Hall	Buffet Lunch	
1:30 pm - 2:50 pm	Invited Session 1	

International Hall 90110	Andrew Patton, Duke University <i>"Asymptotic Inference about Predictive Accuracy using High Frequency Data"</i> (with Jia Li, Duke University)	
	Yanqin Fan, Vanderbilt University "Partial Identification and Inference in Parametric Censored Quantile Regression - A Sensitivity Analysis"	
2:50 pm - 3:00 pm	Coffee Break	
Lobby, International Hall		
3:00 pm - 4:20 pm	Contributed Session 3A/3B/3C	
3A: Empirical Finance	Variance Components, Term Structures of Variance Risk Premia, and Expected Asset Returns	
International Hall 90104	Junye Li,ESSEC Business School	
	Gabriele Zinna, Bank of England	
	The Dynamics of Trading Duration, Volume and Price	
	Yongdeng Xu, Cardiff Business School	
	Asymmetric Relation between Stock Return Volatility and Informed Trading Activity	
	Alex YiHou Huang, Yuan Ze University Ching-Liang Chang, Yuan Ze University	
	Moment-Related Risk Measure and Corresponding Trading Strategy	
	O-Chia Chuang , National Taiwan University Chung-Ming Kuan, National Taiwan University	
3B: Empirical Macroeconomics 1	Measuring the Connectedness of the Global Economy	
	Yongcheol Shin, University of York	
International Hall 90110	On Housing Booms and Credit Market Conditions: A State Space Model	
	Helmut Herwartz, Georg-August-University at Göttingen Fang Xu , University of Reading	
	Fundamental Asymmetries in US Monetary Policymaking: Evidence from a Nonlinear Autoregressive Distributed Lag Quantile Regression Model	
	Matthew Greenwood-Nimmo, Leeds University Business School Tae-Hwan Kim, Yonsei University Yongcheol Shin, University of York	
	Till van Treeck, Institut für Makroökonomie und	
	onjunkturforschung, Düsseldorf Do Policy-Related Shocks Affect Real Exchange Rates of Asian Developing Countries?	
	Taya Dumrongrittikul, Monash University Heather Anderson, Monash University	

On Misclassification Errors in Self-Reported Drug Use	
on miscussification Errors in Sen Reported Drug Ose	
Ryan Bush, Johns Hopkins University	
Yingyao Hu, Johns Hopkins University	
Yajing Jiang, Johns Hopkins University	
Increase of the Household Medical Care Expenditure	
after the Implementation of National Health Insurance	
Chien-Liang Chen, National Chi Nan University	
Chung-Ming Kuan, National Taiwan University	
Simple Tests of Random Missing for Unbalanced Panel Data Models	
Do Won Kwak, The University of Queensland	
Coffee Break	
Invited Session 2	
Jun Yu, Singapore Management University	
"Econometric Analysis of Bubbles and Economic Surveillance"	
Nour Meddahi, Toulouse School of Economics "Optimal Moment-based Tests for Distributional Assumptions"	
(with Christian Bontemps, Toulouse School of Economics, and Jean-	
Marie Dufour, McGill University)	
Bus to Chosun Hotel for Conference Dinner	
Performance	
Korean Traditional Dance by Jun Eun Ja Dance Company at SKKU	
Conference Dinner	
Performance	

Day 2 (Sunday, July, 21, 2013)		
8:45 am – 9:30 am	Plenary Session 2: ET Lecture	
International Hall 90110	Oliver Linton, Cambridge University "Nonparametric Modelling of High Dimensional Time Series"	
9:30 am - 9:40 am	Coffee Break	
Lobby, International Hall		
9:40 am - 11:00 am	Contributed Session 4A/4B/4C	
4A: Forecasting	Forecasting with Non-spurious Factors in U.S. Macroeconomic Time Series	
International Hall 90104	Yohei Yamamoto, Hitotsubashi University	
	Practical Considerations for Optimal Weights in Density Forecast Combination	
	Andrey Vasnev, University of Sydney Laurent Pauwels, University of Sydney	
	Diffusion Indexes with Sparse Loadings	
	Johannes Tang Kristensen, Aarhus University and CREATES	
	Model Averaging in Predictive Regressions	
	Chu-An Liu, National University of Singapore Biing-Shen Kuo , National Chengchi University	
4B: Structural Change	An Analysis of the Performance of Structural Change Tests in OLS Regressions	
International Hall 90110	Yao Rao, The University of Liverpool Brendan McCabe, The University of Liverpool	
	Testing for Structural Change in Quantiles Regression Models	
	Tatsushi Oka, National University of Singapore	
	Modeling and Testing Smooth Structural Changes with Endogenous Regressors	
	Bin Chen, University of Rochester	
4C: Microeconometrics	Necessary and Sufficient Conditions for Partial Point Identification	
International Hall 90109	Jean-Marie Dufour, McGill University Xin Liang , McGill University	
	Asymptotic Refinements of a Misspecification-Robust Bootstrap for Empirical Likelihood Estimators	
	SeoJeong Lee, University of New South Wales	
	Partial Mean Processes with Generated Regressors: Continuous Treatment Effects and Nonseparable Models	

	Ying-Ying Lee, University of Wisconsin-Madison	
	Bootstrap Inference for Instrumental Variable Model with Many Weak Instruments	
	Maximilen Kaffo, University of Montreal Wenjie Wang , Kyoto University	
11:00 am - 11:10 am	Coffee Break	
Lobby, International Hall		
11:10 am - 12:30 am	Contributed Session 5A/5B/5C	
5A: Time Series 2	Overlapping Sub-sampling and Invariance to Initial Conditions	
	Maria Kyriacou, University of Southampton	
International Hall 90104	Significance Testing in Nonparametric Autoregression	
	Xiaojun Song, Universidad Carlos III de Madrid	
	Asymptotic Property of MLE for an Over-Parametrized Nonstation- ary State Space Model	
	Bibo Jiang, Fudan University	
	Shortfalls of RCM: Is There a Cure?	
	Taner Yigit, Bilkent University	
5B: Empirical Macroeconomics 2	Market Concentration, Competition and Financial Innovation in Taiwanese Banking Services Industry	
International Hall 90110	Tsu-Yi Hung, National Taipei University of Technology Pei-Shan Lu , National Taipei University of Technology	
	The Effects of Agenda 2000 Reforms on Spanish Beef and Veal Output	
	Yunrong Li, Universidad Carlos III de Madrid	
	Identifying Credit Channels under Granular Hypothesis	
	Mihye Lee, Bank of Korea	
	Measuring the US NAIRU as a Step Function: A New Approach	
	Hiroshi Yamada, Hiroshima University Gawon Yoon, Kookmin University	
5C: Econometrics Models	Nonparametric and Semiparametric Estimation of the Seemingly Unrelated Regression Models	
International Hall 90109	Yun Wang, University of International Business and Economics	
	Simultaneous Equation Systems with Heteroskedasticity: Identifica- tion, Estimation, and Stock Price Elasticities	
	George Milunovich , Macquarie University Minxian Yang, the University of New South Wales	

	A Generalized Stepwise Procedure with Improved Power for Multiple Inequalities Testing
	Yu-Chin Hsu, Academia Sinica Chung-Ming Kuan, National Taiwan University Meng-Feng Yen, National Cheng Kung University
	Improved Lagrange Multiplier Tests in Spatial Autoregressions
	Peter M. Robinson, London School of Economics Francesca Rossi, University of Southampton
12:30 am - 2:30 am	Lunch
Jin-Sa-Gak, Yurim Hall near SKKU	Traditional Korean Course Meal
2:30 am - 3:50 pm	Contributed Session 6A/6B/6C
6A: Time Series 3	The Cross-Quantilogram: Measuring Quantile Dependence and Testing Directional Predictability between Time Series
International Hall 90104	Heejoon Han, Kyung Hee University Tatsushi Oka, National University of Singapore Yoon-Jae Whang, Seoul National University
	Oracle Inequalities For High Dimensional Vector Autoregressions
	Anders Kock, Aarhus University Laurent A.F. Callot, VU Amsterdam
	Multivariate Testing for Common Trend Slopes, with an Application to US and European Macroeconomic Data
	Artem Duplinskiy , Maastricht University Franz Palm, Maastricht University Jean-Pierre Urbain, Maastricht University
	<i>l</i> Quadratic and Cubic Filtering as an Approximation to the Hodrick-Prescott Trends: An application to US Unemployment Rate
	Hiroshi Yamada, Hiroshima University Gawon Yoon, Kookmin University
6B: Empirical Macroeconomics 3	Bayesian Estimation of the Monthly Natural Rates, Gaps, and Real GDP with Mixed-Frequency Series
International Hall 90110	Yasutomo Murasawa, Osaka Prefecture University
	A DSGE-Based Forecast Model with Monthly Indicators
	Ruey Yau, National Central University
	Forecasting the Term Structure of Interest Rates with Potentially Misspecified Models
	Yunjong Eo, University of Sydney Kyu Ho Kang , Korea University
	Good Contagion, Bad Contagion: Evidence from the Eurozone Sovereign Debt Crisis

Olu Sanya, Birkbeck College Roald Versteeg , Birkbeck College	
Social Identity of Gender differences in Cooperation and Decision- making: An Experimental Study of Community-Based Resource Man- agement	
Biswajit Ray , Calcutta University Promita Mukherjee, Rabindra Bharati University Rabindra N. Bhattacharya, CSSSC, Calcutta	
Weighted Least Squares in Econometric Damage Estimation	
Keunkwan Ryu, Seoul National University	
Sovereign Rating Adjustment using Market Information	
Dominique Guegan, University Paris 1 Bertrand Hassani, Santander UK Xin Zhao , University Paris 1	
Estimation of Treatment Effects in Repeated Public Good Experiments	
Donggyu Sul, University of Texas at Dallas	
Coffee Break	
Invited Session 3	
Xioahong jun , Yale University "Asymptotic Properties of Sieve Estimators of Nonparametric Conditional Moment Restrictions With Dependent Data"	
Bjorn Eraker, University of Wisconsin "A Non-Linear Dynamic Model of the Variance Risk Premium"	

Index of Contributed Sessions

	Session 1A	Financial Econometrics 1	July 20, 9:40-11:00 am
Session 1	Session 1B	Panel Data Analysis	July 20, 9:40-11:00 am
	Session 1C	Semiparametric Method	July 20, 9:40-11:00 am
G • • •	Session 2A	Time Series 1	July 20, 11:10 - 12:30 pm
Session 2	Session 2B	Time Series Topics	July 20, 11:10 - 12:30 pm
	Session 2C	Nonparametric Inference	July 20, 11:10 - 12:30 pm
	Session 3A	Empirical Finance	July 20, 3:00 - 4:20 pm
Session 3	Session 3B	Empirical Macroeconomics 1	July 20, 3:00 - 4:20 pm
	Session 3C	Applied Econometrics 1	July 20, 3:00 - 4:20 pm
	Session 4A	Forecasting	July 21, 9:40 - 11:00 am
Session 4	Session 4B	Structural Change	July 21, 9:40 - 11:00 am
	Session 4C	Microeconometrics	July 21, 9:40 - 11:00 am
	Session 5A	Time Series 2	July 21, 11:10 - 12:30 am
Session 5	Session 5B	Empirical Macroeconomics 2	July 21, 11:10 - 12:30 am
	Session 5C	Econometrics Models	July 21, 11:10 - 12:30 am
	Session 6A	Time Series 3	July 21, 2:30 - 3:50 pm
Session 6	Session 6B	Empirical Macroeconomics 3	July 21, 2:30 - 3:50 pm
	Session 6C	Applied Econometrics 2	July 21, 2:30 - 3:50 pm

Session	Name	Session	Name	Session	Name
1A	Ruijun Bu	3C	Yajing Jiang	6B	Kyu Ho Kang
1A	Manabu Asai	3C	Chien-Liang Chen	6B	Roald Ver- steeg
1A	Jihyun Kim	3C	Do Won Kwak	6C	Biswajit Ray
1A	Seungmoon Choi	4A	Yohei Yamamoto	6C	Keunkwan Ryu
1B	Liangjun Su	4A	Laurent Pauwels	6C	Xin Zhao
1B	Yoonseok Lee	4 A	Johannes Tang Kristensen	6C	Donggyu Sul
1B	Jungmo Yoon	4A	Biing-Shen Kuo		
1B	Kaddour Hadri	4B	Yao Rao	_	
1C	Heng Cheny	4 B	Tatsushi Oka	-	
1C	Nam. H. Kim	4 B	Bin Chen	-	
1C	Jong-Myun Moon	4C	Xin Liang	_	
1C	Chuan Goh	4C	SeoJeong Lee	_	
2A	Daisuke Yamazaki	4C	Ying-Ying Lee	_	
2A	Jaeho Kim	4C	Wenjie Wang	_	
2A	Yongok Choi	5A	Maria Kyriacou	_	
2A	J. Isaac Miller	5A	Xiaojun Song		
2B	HanBat Jeong	5A	Bibo Jiang	-	
2B	Tingting Cheng	5A	Taner Yigit	-	
2B	Zeng-Hua Lu	5B	Pei-Shan Lu	-	
2B	Myung Hwan Seo	5B	Yunrong Li	-	

2C	Chaohua Dong	5B	Mihye Lee
2C	Jungyoon Lee	5B	Hiroshi Yamada
2C	Carlos Martins- Filho	5C	Yun Wang
2C	Brendan K. Beare	5C	George Milunovich
3A	Junye Li	5C	Chung-Ming Kuan
3A	Yongdeng Xu	5C	Francesca Rossi
3A	Ching-Liang Chang	6A	Heejoon Han
3A	O-Chia Chuang	6A	Laurent A.F. Callot
38	Yongcheol Shin	6A	Artem Duplinskiy
38	Fang Xu	6A	Gawon Yoon
3B	Matthew Greenwood- Nimmo	6B	Yasutomo Mura- sawa
3B	Heather Anderson	6B	Ruey Yau

Conference Venue

International Hall Sungkyunkwan University:

53-22 Myeongnyun 3(sam)-Ga (25-2 Sungkyunkwan-Ro), Jongno-Gu, Seoul, Korea

