Wednesday, May 28

17:30 – 19:00	**Registration**	Café ACADEMIA
18:00 – 20:00	**Welcome Reception**	Café ACADEMIA

Thursday, May 29

08:30 – 17:40 **Registration** 2nd floor

09:10 – 09:20 **Welcome Speech** Conference Room 1

Remarks by Kamhon Kan
Director of Institute of Economic,
Academia Sinica

09:20 – 10:40 **Plenary Session 1** Conference Room 1

Session Chair : Joon Y. Park

Han Hong (Standford University)
Computational implementation of GMM

Xiaohong Chen (Yale University)
Nonparametric Instrumental Variables Regression: Optimal Uniform Convergence Rates and Adaptive Estimation'' by Xiaohong Chen and Timothy Christensen

10:40 – 10:50 **Coffee Break**

10:50 – 12:00 **Parallel Session 1**

1A <u>High Dimensional Data Analysis</u> Conference Room 2

Session Chair : Anders Bredahl Kock

Malene Kallestrup-Lamb (Aarhus University)
Anders Bredahl Kock (Aarhus University)
Johannes Kristensen (University of Southern Denmark and CREATES)

Lassoing the determinants of retirement

Michael Fan (Xiamen University)

Sparse estimation of covariance matrix in fixed coefficient panel data models with applications in asset returns

Anders Bredahl Kock (Aarhus University)

Oracle inequalities for high-dimensional panel data models

1B <u>Model Averaging and Model Selection</u> Conference Room 3

Session Chair : Ching-Kang Ing

Susanne Schennach (Brown University)
Daniel Wilhelm (University College London)

A simple parametric model selection test

Chu-An Liu (National University of Singapore)
Jing Tao (University of Wisconsin-Madison)

Model selection and model averaging in nonparametric IV models

Tzu-Chang Cheng (University of Illinois)
Ching-Kang Ing (Academia Sinica)
Shu-Hui Yu (National University of Kaohsiung)

Toward optimal model averaging in regression models with time series errors

10:50 – 12:00 **Parallel Session 1**

1C <u>Applied Econometrics</u> Conference Room 4

Session Chair : I-Hsuan Chiang

Xiaolan Zhou (Shanghai University of Finance and Economics)
Junji Xiao (Fudan University)
Wei-Min Hu (National Chengchi University)
Vehicle quota system and its impact on the Chinese auto markets: a tale of two cities

Chang-Jin Kim (University of Washington and Korea University)
The 'pile-up problem' in trend-cycle decomposition of real GDP: classical and Bayesian perspectives

Pierluigi Balduzzi (Boston College)
I-Hsuan Chiang (University of North Carolina at Charlotte)
Real exchange rates and currency risk premia

12:00 – 13:20 **Lunch** Lecture Hall

13:20 – 14:40 **Plenary Session 2** Conference Room 1

Session Chair : Bruce E. Hansen

George Tauchen (Duke University)
From realized to local: some recent developments in financial econometric

Graham Elliott (University of California, San Diego)
Testing for anomalies

14:40 – 14:50 **Coffee Break**

14:50 – 16:00 **Parallel Session 2**

2A <u>Treatment Effect Models</u> Conference Room 2
Session Chair : Toru Kitagawa

Jason Abrevaya (The University of Texas at Austin)
Yu-Chin Hsu (Academia Sinica)
Robert Lieli (Central European University and the National Bank of Hungary)
Estimating conditional average treatment effects

Seojeong Lee (The University of New South Wales)
On variance estimation for 2SLS when instruments identify different LATEs

Toru Kitagawa (University College London)
Aleksey Tetenov (Collegio Carlo Alberto)
Empirical welfare maximization methods for treatment choice

2B <u>Time Series Analysis (I)</u> Conference Room 3
Session Chair : Brendan Beare

Leena Kalliovirta (University of Helsinki)
Mika Meitz (University of Helsinki)
Pentti Saikkonen (University of Helsinki)
A Gaussian mixture autoregressive model for univariate time series

Yoosoon Chang (Indiana University)
Chang Sik Kim (Sungkyunkwan University)
Joon Y. Park (Indiana University)
Time Series Analysis of Cross-sectional Distributions

Brendan Beare (University of California, San Diego)
Limit theory for estimated conditional return distributions in GARCH models

14:50 – 16:00 **Parallel Session 2**

2C Factor Loading Models Conference Room 4

Session Chair : Yohei Yamamoto

Yu-Min Yen (Academia Sinica)
Robust estimations of approximate factor models via sparse matrix decomposition

In Choi (Sogang University)
Dukpa Kim (Korea University)
Yun Jung Kim (Sogang University)
Noh-Sun Kwark (Sogang University)
A multi-level factor model: identification, asymptotic theory and applications

Yohei Yamamoto (Hitotsubashi University)
Testing for factor loading structural change under common breaks

16:00 – 16:10 **Coffee Break**

16:10 – 17:40 **Parallel Session 3**

3A Quantile Conference Room 2

Session Chair : Yanqin Fan

Tong Li (Vanderbilt University)
Tatsushi Oka (National University of Singapore)
Set identification of the censored quantile regression model for short panels with fixed effects

Yu-Chin Hsu (Academia Sinica)
Tsung-Chih Lai (National Taiwan University)
Distribution structural functions and quantile structural functions in semiparametric treatment effect models

Heng Chen (Bank of Canada)
Sheep in wolf's clothing: using least squares loss function for quantile estimation

Yanqin Fan (University of Washington)
Ruixuan Liu (University of Washington)
A direct approach to inference in nonparametric and semiparametric quantile models

16:10 – 17:40 **Parallel Session 3**

3B Applied Financial Econometrics Conference Room 3

Session Chair : Ray Chou

Wen Xu (University of Oxford)
Estimation on inference on dynamic panel data models with stochastic volatility

Yanping Yi (Shanghai University of Finance and Economics)
Yu Ren (Xiamen University)
Predicting asset returns with persistent financial indices: a refinement on predictive regression model

Monica M.C. Weng (Feng Chia University)
Cathy W.S. Chen (Feng Chia University)
Toshiaki Watanabe (Hitotsubashi University)
Forecasting value-at-risk based on variant smooth transition heteroskedastic models

Ray Chou (Academia Sinica)
Erdost Torun (Academia Sinica)
Revisiting the relationship between spot and futures prices through novel nonparametric wavelet causality test

16:10 – 17:40 **Parallel Session 3**

3C Semiparametric and Nonparametric Econometrics — Conference Room 4

Session Chair : Chuan Goh

Zongwu Cai (University of North Carolina at Charlotte)
Ying Fang (Xiamen University)
Ming Lin (Xiamen University)
Semiparametric inference for instrumental variables models with partially varying coefficients

Na Kyeong Lee (University of Colorado Boulder)
Bias reduction in local polynomial regression estimation via global Lipschitz conditions

Daniel Henderson (University of Alabama)
Qi Li (Texas A&M University)
Christopher Parmeter (University of Miami)
Shuang Yao (Texas A&M University)
Gradient based smoothing parameter selection for nonparametric regression estimation

Chuan Goh (University of Wisconsin-Milwaukee)
Estimation of semiparametric single-index models with covariates having unbounded support

18:30 – 20:00 **Conference Dinner** — Taipei World Trade Center Club
Get buses at conference site at 18:00

Friday, May 30

08:45 – 17:30 **Registration** 2nd floor

09:00 – 10:20 **Plenary Session 3** Conference Room 1

Session Chair : Han Hong

Bruce E. Hansen (University of Wisconsin-Madison)
Robust inference

Yoon-Jae Whang (Seoul National University)
Testing for a general class of functional inequalities

10:20 – 10:30 **Coffee Break**

10:30 – 11:40 **Parallel Session 4**

4A Non-Stationary and Near Unit-Root Conference Room 2
Session Chair : Maria Kyriacou

Chaohua Dong (Monash University)
Estimation for single-index and partially linear single-index nonstationary time series models

Shiqing Ling (Hong Kong University of Science and Technology)
Chor-Yiu (CY) Sin (National Tsing Hua University)
Rongmao Zhang (Zhejiang University)
Subsampling for linear processes with GARCH(1,1) noises: the case of time series regression with a unit root

Maria Kyriacou (University of Southampton)
Jackknife estimation in the presence of a near-unit root

10:30 – 11:40 **Parallel Session 4**

4B Econometric Theory Conference Room 3

Session Chair : Myoung-Jin Keay

Beomsoo Kim (Korea University)
Sangsoo Park (Korea University)
Inference in synthetic control approach: generalization of difference-in-difference estimation

Brendan Beare (University of California, San Diego)
Juwon Seo (University of California, San Diego)
Vine copula specifications for stationary multivariate Markov chains

Myoung-Jin Keay (Georgia Southern University)
A two-regime CRC model with nonnegative dependent variable

4C High Frequency Data Conference Room 4

Session Chair : Dacheng Xiu

Yoosoon Chang (Indiana University, Bloomington)
Joon Y. Park (Indiana University)
Understanding regressions with observations collected at high frequency over long span

Zhi Liu (University of Macau)
Measuring the realized skewness at high frequency

Yacine Ait-Sahalia (Princeton University)
Dacheng Xiu (University of Chicago)
Principal component analysis of high frequency data

11:40 – 13:00 **Lunch** Lecture Hall

13:00 – 14:45 **Plenary Session 4** Conference Room 1

Session Chair : Yoon-Jae Whang

Shakeeb Khan (Duke University)
Informational content in static and dynamic discrete response panel data models

Liangjun Su (Singapore Management University)
Shrinkage estimation of common breaks in panel data models via adaptive group fused lasso

Michael Wolf (University of Zurich)
Bootstrap joint prediction regions

14:45 – 15:00 **Coffee Break**

15:00 – 16:10 **Parallel Session 5**

5A MLE Conference Room 2
Session Chair : Hung-Pin Lai

Abhimanyu Gupta (Essex University)
Pseudo maximum likelihood estimation of higher-order spatial autoregressive models with increasingly many parameters

Heejoon Han (Kyung Hee University)
Dennis Kristensen (London's Global University)
Asymptotic theory for the QMLE in GARCH-X models with stationary and non-stationary covariates

Hung-Pin Lai (National Chung Cheng University)
Maximum likelihood estimation of the stochastic frontier model with endogenous switching or sample selection

15:00 – 16:10 **Parallel Session 5**

5B Identification Conference Room 3

Session Chair : Sokbae (Simon) Lee

Kazuhiko Hayakawa (Hiroshima University)
Identification problem of GMM estimators for short panel data models with interactive fixed effects

Ji-Liang Shiu (Hanqing Advanced Institute of Economics and Finance)
Identification and estimation of nonseparable regression functions in dynamic panel data models

Sokbae (Simon) Lee (Seoul National University)
The identification power of smoothness assumptions in models with counterfactual outcomes

5C Hypothesis Testing Conference Room 4

Session Chair : Robert Lieli

Zaichao Du (Southwestern University of Finance and Economics)
Nonparametric bootstrap tests for independence of generalized errors

Yu-Chin Hsu (Academia Sinica)
Robert Lieli (Central European University and the National Bank of Hungary)
Inference for ROC curves based on estimated predicitive indices

16:10 – 16:20 **Coffee Break**

16:20 – 17:30 **Parallel Session 6**

6A Structure Change and Structural Instability Conference Room 2

Session Chair : Xu Cheng

Daisuke Yamazaki (Hitotsubashi University)
Eiji Kurozumi (Hitotsubashi University)
Improving the finite sample performance of tests for a shift in mean

Chien-Ho Wang (National Taipei University)
Wen-Chung Guo (National Taipei University)
Intraday Arbitrage Opportunities Of Basis Trading In Current Futures Markets: An Application Of The Threshold Autoregressive Model

Xu Cheng (University of Pennsylvania)
Zhipeng Liao (University of California, Los Angeles)
Frank Schorfheide (University of Pennsylvania)
Shrinkage estimation of high-dimensional factor models with structural instabilities

16:20 – 17:30 **Parallel Session 6**

6B Econometrics Method Conference Room 3

Session Chair : Denis Tkachenko

Shu Shen (University of California, Davis)
Xiaohan Zhang (University of California, Davis)
Distributional tests for regression discontinuity: theory and empirical examples

Stacey Chen (Academia Sinica)
Yenchien Chen (National Chi Nan University)
Jin-Tan Liu (National Taiwan University)
The impact of family composition on human capital formation

Zhongjun Qu (Boston University)
Denis Tkachenko (National University of Singapore)
Local and global parameter identification in DSGE models allowing for indeterminacy

16:20 – 17:30 **Parallel Session 6**

6C Time Series Analysis (II) Conference Room 4

Session Chair : Shin Kanaya

Yu-Pin Hu (National Chi Nan University)
J. T. Gene Hwang (Cornell University and National Chung Cheng University)
A new approach for analyzing panel AR(1) series with application to the unit root test

David Harris (Monash University)
Hsein Kew (Monash University)
Adaptive long memory testing under heteroskedasticity

Shin Kanaya (University of Aarhus)
Nonparametric estimation for mixed-frequency time series: a convolution approach

End of the conference. Thanks so much for coming.