The Society for Nonlinear Dynamics and Econometrics

26th Annual Symposium

March 19 & 20, 2018

Keio University
Tokyo, Japan
Thank You

2018 SNDE Partners

JSPS KAKENHI
Grant-in-Aid for Scientific Research (A)
Grant Number 15H01939
Organizational Details

Venue
Keio University / Mita Campus
South School Building

Monday, March 19, 2018
8:30 - 17:45 / Registration: 7th floor, Room 474
9:00 - 10:40 / Parallel Sessions 1-6: 7th floor
10:40 - 11:10 / Coffee Break: 7th floor
11:10 - 12:10 / Plenary lecture: Room 475 - John Stachurski, Australian National University
12:10 - 13:40 / Lunch: Boxed lunches provided outside of Room 475
13:40 - 15:20 / Parallel Sessions 8-14: 7th floor
15:20 - 15:50 / Coffee Break: 7th floor
15:50 - 17:30 / Special Session in honor of Kazuo Nishimura: Room 475
15:50 - 17:30 / Parallel Sessions 14-18: 7th floor
18:00 / Conference Dinner: 4th floor (18:00-18:30 / welcome drink)

Tuesday, March 20, 2018
8:30 - 17:45 / Registration: 7th floor, Room 474
9:00 - 10:40 / Parallel Sessions 19-24: 7th floor
10:40 - 11:10 / Coffee Break: 7th floor
11:10 - 12:10 / Plenary lecture: Room 475 - Chang-Jin Kim, University of Washington
12:10 - 13:40 / Lunch: Boxed lunches provided outside of Room 475
13:40 - 15:20 / Parallel Sessions 26-31: 7th floor
15:20 - 15:50 / Coffee Break: 7th floor
15:50 - 17:30 / Parallel Sessions 32-37: 7th floor
SNDE Leadership

Executive Committee

Richard Baillie
Hilde Bjornland (President)
Guillaume Chevillon
Kevin Lansing

Jun Ma (Treasurer)
Michael T. Owyang
Irina Panovska
Francesco Ravazzolo
Tatevik Sekhposyan

Program Committee

Program Co-Chairs
Ippei Fujiwara, Keio University, Australian National University
Yasuo Hirose, Keio University

Joshua Chan, University of Technology Sydney
Taeyoung Doh, Federal Reserve Bank of Kansas City
Jinill Kim, Korea University
Mariano Kulish, University of New South Wales
Michele Modugno, Federal Reserve Board
Tatsuyoshi Okimoto, Australian National University
Woong Yong Park, Seoul National University
Mototsugu Shintani, University of Tokyo
Tara Sinclair, George Washington University
Nathaniel A. Throckmorton, College of William and Mary
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Session 1: Empirical Macro and Finance
March 19, 2018 9:00 to 10:40
Room 471

Session Chair: Renee Fry-McKibbin, Australian National University

Estimating Finance-Neutral Output Gaps
By Tino Berger; University of Goettingen
Julia Richter; University of Goettingen
presented by: Julia Richter, University of Goettingen

Testing for Time Variation in the Natural Rate of Interest
By Tino Berger; University of Goettingen
Bernd Kempa; University of Muenster
presented by: Tino Berger, University of Goettingen

Integration and Disintegration of EMU Government Bond Markets
By Christian Leschinski; Leibniz Universitat Hannover
Michelle Voges; Leibniz University Hannover
Philipp Sibbertsen; Leibniz Universitaet Hannover
presented by: Michelle Voges, Leibniz University Hannover

Measuring Financial Interdependence in Asset Returns With an Application to Euro Zone Equities
By Renee Fry-McKibbin; Australian National University
Cody Yu-Ling Hsiao; The University of New South Wales
Vance Martin; University of Melbourne
presented by: Renee Fry-McKibbin, Australian National University
Session 2: Exchange Rate and Global Integration
March 19, 2018 9:00 to 10:40
Room 472

Session Chair: Everett Grant, Federal Reserve Bank of Dallas

Signed Spillover Effects Building on Historical Decompositions
By Pierre Siklos; Wilfrid Laurier University
Mardi Dungey; University of Tasmania
John Harvey; University of Tasmania
Vladimir Volkov; University of Tasmania
presented by: Pierre Siklos, Wilfrid Laurier University

Global Financial Interconnectedness: A Non-Linear Assessment of the Uncertainty Channel
By Laurent Ferrara; Banque de France
Bertrand Candelon; University Maastricht
Marc Joets; Banque de France
presented by: Laurent Ferrara, Banque de France

The Winner Takes it All: Predicting Exchange Rates with Google Trends
By Agnieszka Markiewicz; Erasmus University Rotterdam
Ralph Verhoeks; Erasmus University Rotterdam
Willem Verschoor; VU University Amsterdam
Remco Zwinkels; Vrije Universiteit Amsterdam
presented by: Remco Zwinkels, Vrije Universiteit Amsterdam

The Double-Edge Sword of Global Integration: Robustness, Fragility & Contagion
in the International Firm Network
By Julieta Yung; Bates College
Everett Grant; Federal Reserve Bank of Dallas
presented by: Everett Grant, Federal Reserve Bank of Dallas

Session 3: Learning and Indeterminacy
March 19, 2018 9:00 to 10:40
Room 473

Session Chair: Fabio Milani, University of California, Irvine

A Unified Theory of Learning to Forecast
By George Evans; University of Oregon
Christopher Gibbs; University of New South Wales Australia
Bruce McGough; University of Oregon
presented by: Christopher Gibbs, University of New South Wales Australia

Indeterminacy in Search Theory of Money: Bilateral vs. Multilateral Trades
By So Kubota; University of Tokyo
presented by: So Kubota, University of Tokyo
Session 3: Learning and Indeterminacy (continued)
March 19, 2018 9:00 to 10:40
Room 473

Session Chair: Fabio Milani, University of California, Irvine

Sunspot Fluctuations in Infinite-Horizon Models: A General Analysis
By Frederic Dufourt; Aix-Marseille University
Kazuo Nishimura; Kobe University
Alain Venditti; AMSE-AMU-CNRS
presented by: Frederic Dufourt, Aix-Marseille University

Perceived Uncertainty Shocks, Excess Optimism-Pessimism, and Learning in the Business Cycle
By Pratiti Chatterjee; University of California, Irvine
Fabio Milani; University of California, Irvine
presented by: Fabio Milani, University of California, Irvine

Session 4: Labor Market I
March 19, 2018 9:00 to 10:40
Room 475

Session Chair: Junzhu Zhao, Nanjing Audit University

Counteracting Unemployment in Crises: Non-Linear Effects of Short-Time Work Policy
By Britta Gehrke; Friedrich-Alexander Universität Erlangen-Nürnberg
Brigitte Hochmuth; Friedrich-Alexander University Erlangen-Nuremberg (FAU)
presented by: Britta Gehrke, Friedrich-Alexander Universität Erlangen-Nürnberg

Intra-Industry Trade, Involuntary Unemployment and Indeterminacy
By Antoine Le Riche; Sichuan University
presented by: Antoine Le Riche, Sichuan University

Employment, Wages and Optimal Monetary Policy
By Junzhu Zhao; Nanjing Audit University
Martin Bodenstein; Federal Reserve Board
presented by: Junzhu Zhao, Nanjing Audit University
Session 5: Inflation
March 19, 2018 9:00 to 10:40
Room 476

Session Chair: Luis Uzeda, Bank of Canada

Global Factors and Trend Inflation
By Gunes Kamber; Bank for International Settlements
Benjamin Wong; Reserve Bank of New Zealand
  presented by: Gunes Kamber, Bank for International Settlements

Measuring Inflation Expectations Uncertainty Using High-Frequency Data
By Joshua Chan
Yong Song; University of Melbourne
  presented by: Joshua Chan

Trend Inflation and Evolving Inflation Dynamics: A Bayesian GMM Analysis of the Generalized New Keynesian Phillips Curve
By Yasufumi Gemma; Bank of Japan
Takushi Kurozumi; Bank of Japan
Mototsugu Shintani; University of Tokyo
  presented by: Mototsugu Shintani, University of Tokyo

Understanding Trend Inflation Through the Lens of the Goods and Services Sector
By Yunjong Eo; University of Sydney
Luis Uzeda; Bank of Canada
Benjamin Wong; Reserve Bank of New Zealand
  presented by: Luis Uzeda, Bank of Canada

Session 6: Macroeconomic Effects of Higher-order Moments
March 19, 2018 9:00 to 10:40
Room 477

Session Chair: Thiago Ferreira, Federal Reserve Board

The Finance-Uncertainty Multiplier
By Ivan Alfaro; BI Norwegian Business School
Nicholas Bloom; Stanford University
Xiaoji Lin; Ohio State University
  presented by: Ivan Alfaro, BI Norwegian Business School
Session 6: Macroeconomic Effects of Higher-Order Moments (continued)
March 19, 2018 9:00 to 10:40
Room 477

Session Chair: Thiago Ferreira, Federal Reserve Board

News-Driven Uncertainty Fluctuations
By Dongho Song; Boston College
Jenny Tang; Federal Reserve Bank of Boston
    presented by: Jenny Tang, Federal Reserve Bank of Boston

Stock Market Cross-Section Skewness and Business Cycle Fluctuations
By Thiago Ferreira; Federal Reserve Board
    presented by: Thiago Ferreira, Federal Reserve Board

REFRESHMENT BREAK
Time:  10:40 – 11:10

Session 7: Plenary I - John Stachurski, Australian National University
March 19, 2018 11:10 to 12:10
Room 475

LUNCH
Time:  12:10 – 13:40
Location:  7th Floor, Room 475

Session 8: Estimation and Inference
March 19, 2018 13:40 to 15:20
Room 471

Session Chair: Dong Hwan Oh, Federal Reserve Board

Perpetual Learning and Apparent Long Memory
By Guillaume Chevillon; ESSEC Business School
Sophocles Mavroeidis; Oxford University
    presented by: Guillaume Chevillon, ESSEC Business School

Identification and Estimation Issues in Exponential Smooth Transition Autoregressive Models
By Daniel Buncic; Sveriges Riksbank
    presented by: Daniel Buncic, Sveriges Riksbank
Session 8: Estimation and Inference (continued)
March 19, 2018 13:40 to 15:20
Room 471

Session Chair: Dong Hwan Oh, Federal Reserve Board

Asymptotic Validity of Bootstrap Methods for a Structural Break in Trend
By Seong Yeon Chang; Soongsil University
  presented by: Seong Yeon Chang, Soongsil University

Estimation and Inference for Large Panel Copula Models
By Dong Hwan Oh; Federal Reserve Board
  Cavit Pakel; Bilkent University
  Andrew Patton; Duke University
  presented by: Dong Hwan Oh, Federal Reserve Board

Session 9: Time Series Forecasting
March 19, 2018 13:40 to 15:20
Room 472

Session Chair: Edward Sun, KEDGE Business School

Testing for Linearity of Factors: Empirical Evidence from US Data
By Marian Vavra; National Bank of Slovakia
  presented by: Marian Vavra, National Bank of Slovakia

Dynamic Scenario Analysis via Bridge Sampling
By Jin-Chuan Duan; National University of Singapore
  Yanqi Zhu; National University of Singapore
  presented by: Yanqi Zhu, National University of Singapore

An Agnostic Approach to Time Series Forecasting
By Ming Lo; Metropolitan State University
  Kwok Ping Tsang; Virginia Tech
  presented by: Ming Lo, Metropolitan State University

Jump Detection and Noise Separation by Singular Wavelet Method for Forecasting with High-Frequency Data
By Edward Sun; KEDGE Business School
  presented by: Edward Sun, KEDGE Business School
Session 10: Risk and Financial Frictions  
March 19, 2018 13:40 to 15:20  
Room 473

Session Chair: Alexander Meyer-Gohde, University of Hamburg

Shocking the Borrowing Constraint over the Financial Cycle: Evidence of Non-Lineairties  
By Cyril Couaillier; Banque de France  
Valerio Scalone; Banque de France  
presented by: Cyril Couaillier, Banque de France

Risk Matters: Breaking Certainty Equivalence  
By Juan Carlos Parra Alvarez; University of Aarhus  
Hamza Polattimur; Universität Hamburg  
Olaf Posch; Universität Hamburg  
presented by: Hamza Polattimur, Universität Hamburg

Credit Conditions and the Effects of Economic Shocks: Amplification and Asymmetries  
By Andrea Carriero; Queen Mary University of London  
Ana Beatriz Galvao; Warwick Business School  
Massimiliano Marcellino; Bocconi University  
presented by: Ana Beatriz Galvao, University of Warwick

Risk-Sensitive Linear Approximations  
By Alexander Meyer-Gohde; University of Hamburg  
presented by: Alexander Meyer-Gohde, University of Hamburg

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Session 11: Open Economy  
March 19, 2018 13:40 to 15:20  
Room 475

Session Chair: Anthony Savagar, University of Kent

International Bond Risk Premia, Currency of Denomination, and Macroeconomic (In)stability  
By Shu-Hua Chen; National Taipei University  
presented by: Shu-Hua Chen, National Taipei University

On the Sustainability of the International Monetary Policy Cooperation  
By Thang Doan; National Graduate Institute for Policy Studies  
presented by: Thang Doan, National Graduate Institute for Policy Studies
Session Chair: Anthony Savagar, University of Kent

The Extensive Margin of Trade and Monetary Policy
By Yuko Imura; Bank of Canada
Malik Shukayev; University of Alberta
  presented by: Yuko Imura, Bank of Canada

Firm Entry Regulation, Scale Economies and Labor Responses in a Small Open Economy
By Anthony Savagar; University of Kent
  presented by: Anthony Savagar, University of Kent

Session Chair: Hilde Bjørnland, BI Norwegian Business School

Measuring U.S. Time Series Volatility During the Great Moderation: A Big Data Approach
By Isaiah Hull; Sveriges Riksbank
  presented by: Isaiah Hull, Sveriges Riksbank

Asymmetric Reactions of the U.S. Natural Gas Market and Economic Activity
By Bao Nguyen; Australian National University
Tatsuyoshi Okimoto; Australian National University
  presented by: Tatsuyoshi Okimoto, Australian National University

Time-Varying Fiscal Multipliers Identified with Sign and Zero Restrictions: A Bayesian Approach to TVP-VAR-SV model
By Hirokuni Iiboshi; Tokyo Metropolitan University
Yasuharu Iwata; Permanent Delegation of Japan to the OECD
  presented by: Hirokuni Iiboshi, Tokyo Metropolitan University

The Shale Oil Boom and the U.S. Economy
By Hilde Bjørnland; BI Norwegian Business School
Julia Zhulanova; BI Norwegian Business School
  presented by: Hilde Bjørnland, BI Norwegian Business School
Session 13: Fiscal Policy
March 19, 2018 13:40 to 15:20
Room 477

Session Chair: Etsuro Shioji, Hitotsubashi University

Non-Linear Effects of the Financial Cycle on Fiscal Multipliers
By André Casalis; University of York
presented by: André Casalis, University of York

Dynamic Fiscal Limits and Monetary-Fiscal Policy Interactions
By Giovanni Callegari; ECB
Niccolò Battistini; European Central Bank
Luca Zavalloni; University Warwick
presented by: Giovanni Callegari, ECB

The Asymmetric Effects of U.S. and U.K. Taxes on Revenue: Two Points on the Laffer Curve?
By Paul Jones; Pepperdine University
Eric Olson; West Virginia University
presented by: Paul Jones, Pepperdine University

Fiscal Confidence Shocks and the Market for the Japanese Government Bonds
By Etsuro Shioji; Hitotsubashi University
presented by: Etsuro Shioji, Hitotsubashi University

Session 14: Bond Market
March 19, 2018 15:50 to 17:30
Room 472

Session Chair: Kyu Ho Kang, Korea University

Mildly Explosive Dynamics in U.S. Fixed Income Markets
By Silvio Contessi; Monash Business School
Pierangelo De Pace; Pomona College
presented by: Pierangelo De Pace, Pomona College

Some Financial Implications of Global Warming: An Empirical Assessment
By Claudio Morana; University Milano Bicocca
presented by: Claudio Morana, University Milano Bicocca
Session 14: Bond Market (continued)
March 19, 2018 15:50 to 17:30
Room 472

Session Chair: Kyu Ho Kang, Korea university

Stochastic Volatility Dynamic Nelson-Siegel Model with Time-Varying Factor Loadings and Correlated Factor Shock
By Ahjin Choi; Korea University
Kyu Ho Kang; Korea University
presented by: Kyu Ho Kang, Korea University

Session 15: Markov Switching
March 19, 2018 15:50 to 17:30
room 473

Session Chair: Douglas Steigerwald, University of California, Santa Barbara

Markov-Switching Models with Unknown Error Distributions
By Shih-Tang Hwu; University of Washington
Chang-Jin Kim; University of Washington
presented by: Shih-Tang Hwu, University of Washington

Likelihood Inference for Dynamic Linear Models with Markov Switching Parameters:
On the Efficiency of the Kim Filter
By Young Min Kim; Korea University
Kyu Ho Kang; Korea University
presented by: Young Min Kim, Korea University

Building Multiplicative Time-Varying Smooth Transition Conditional Correlation GARCH Models
By Anthony Hall; University of Technology Sydney
Annastiina Silvennoinen; Queensland University of Technology
Timo Terasvirta; Aarhus University
presented by: Annastiina Silvennoinen, Queensland University of Technology

Detecting Regime Switching: Analytic Power
By Douglas Steigerwald; University of California, Santa Barbara
presented by: Douglas Steigerwald, University of California, Santa Barbara
REFRESHMENT BREAK
Time: 15:20 – 15:50

Session 16: Special Session in Honor of Kazuo Nishimura
March 19, 2018 15:50 to 17:30
Room 475

Session Chair: Ippei Fujiwara, Australian National University

The Nishimura-Yano Example of Optimal Chaos and the Leontief-Shinkai Model of Economic Growth
By Liuchun Deng; Halle Institute for Economic Research
Minako Fujio; Yokohama National University
M Ali Khan; The Johns Hopkins University
  presented by: Liuchun Deng, Halle Institute for Economic Research

A Nonlinear Approach to Growth and Structural Change: Towards a Theory of the Fall of the Labor Share
By Harutaka Takahshi; Meiji Gakuin University
  presented by: Harutaka Takahshi, Meiji Gakuin University

Two-Sided Altruism and Time Inconsistency
By Kazuo Nishimura; Kobe University
  presented by: Kazuo Nishimura, Kobe University

Session 17: Uncertainty
March 19, 2018 15:50 to 17:30
Room 476

Session Chair: Michael Owyang, Federal Reserve Bank of St. Louis

Amplification Effects of News Shocks Through Uncertainty
By Danilo Cascaldi-Garcia; University of Warwick
  presented by: Danilo Cascaldi-Garcia, University of Warwick

Empirical Evidence on the Dynamics of Investment Under Uncertainty in the US
By Leandro M. Magnusson; University Western Australia
Kazuki Tomioka; University of Western Australia
Rodney Tyers; The University of Western Australia
  presented by: Kazuki Tomioka, University of Western Australia
## Session 17: Uncertainty (continued)

**March 19, 2018 15:50 to 17:30**  
**Room 476**

Session Chair: **Michael Owyang**, Federal Reserve Bank of St Louis

### Competition, Uncertainty, and Productivity Dispersion
By Kaoru Hosono; Gakushuin University  
Miho Takizawa; Toyo University  
Kenta Yamanouchi; Keio University  
  presented by: **Kenta Yamanouchi**, Keio University

### The Nonlinear Effects of Uncertainty Shocks
By Laura Jackson Young; Bentley University  
Kevin Kliesen; Federal Reserve Bank of St. Louis  
Michael Owyang; Federal Reserve Bank of St. Louis  
  presented by: **Michael Owyang**, Federal Reserve Bank of St. Louis

## Session 18: Econometric Methods

**March 19, 2018 15:50 to 17:30**  
**Room 477**

Session Chair: **Menelaos Karanasos**, Brunel University

### Historical Decompositions for Nonlinear Vector Autoregression Models
By Benjamin Wong; Reserve Bank of New Zealand  
  presented by: **Benjamin Wong**, Reserve Bank of New Zealand

### Independent and Conditionally Independent Counterfactual Distributions
By Marcin Wolski; European Investment Bank  
  presented by: **Marcin Wolski**, European Investment Bank

### DSGE-VAR for a Model Evaluation Revisited
By Jae-Yoon Kim; Virginia Tech  
  presented by: **Jae-Yoon Kim**, Virginia Tech

### A Unified Theory for the Family of Time Varying Models with ARMA Representations: One Solution Fits All
By Alessandra Canepa; Brunel University  
Menelaos Karanasos; Brunel University  
Alexandros Paraskevopoulos; University of Piraeus  
  presented by: **Menelaos Karanasos**, Brunel University
REGISTRATION
March 20, 2018
Time: 8:30 – 17:30
Location: Room 474

Session 19: Nonlinear Models I
March 20, 2018 9:00 to 10:40
Room 471

Session Chair: Sebastien Fries, CREST, Paris-Saclay University

Detecting Time Irreversibility Using Quantile Autoregressive Models
By Alain Hecq; Maastricht University
Li Sun; Maastricht University
presented by: Alain Hecq, Maastricht University

A Fixed-b CUSUM Test for Change-in-Mean under Long Memory
By Kai Wenger; Leibniz University Hannover
Christian Leschinski; Leibniz Universität Hannover
Tristan Hirsch; Leibniz University Hanover
presented by: Kai Wenger, Leibniz University Hannover

A Misspecification Test for Nonlinearity in Conditional Covariances
By Thomas Chuffart; Aix-Marseille University (Aix-Marseille
Bilel Sanhaji; Université Paris 8, LED
presented by: Bilel Sanhaji, Université Paris 8, LED

On Anticipative Alpha-Stable Markov Processes and Their Conditional Moments
By Sebastien Fries; CREST, Paris-Saclay University
presented by: Sebastien Fries, CREST, Paris-Saclay University
Session 20: Financial Econometrics I  
March 20, 2018 9:00 to 10:40  
Room 472

Session Chair: Zheng Nan, International Christian University

Using Market Expectations to Test for Speculative Bubbles in the Crude Oil Market  
By Ivan Paya; Lancaster University Management School  
presented by: Ivan Paya, Lancaster University Management School

Analysis of Asymmetric GARCH Volatility Models with Applications to Margin Measurement  
By Xiangjin Shen; Bank of Canada  
Elena Goldman; Pace University  
presented by: Xiangjin Shen, Bank of Canada

Real Risk or Paper Risk? Mis-Measured Factors, Granular Measurement Errors, and Empirical Asset Pricing Tests  
By Sung Je Byun; Federal Reserve Bank of Dallas  
Lawrence Schmidt; University of Chicago  
presented by: Sung Je Byun, Federal Reserve Bank of Dallas

Market Efficiency of the Bitcoin Exchange Rate: Applications to U.S. Dollar and Euro  
By Zheng Nan; International Christian University  
Taisei Kaizoji; International Christian University  
presented by: Zheng Nan, International Christian University

Session 21: Forecasting and Finance  
March 20, 2018 9:00 to 10:40  
Room 473

Session Chair: Yfanti Stavroula, Lancaster University

Detecting Scapegoat Effects in the Relationship Between Exchange Rates and Macroeconomic Fundamentals  
By Lorenzo Pozzi; Erasmus University Rotterdam  
presented by: Lorenzo Pozzi, Erasmus University Rotterdam

Time-varying Uncertainty and Exchange Rate Predictability  
By Knut Are Aastveit; Norges Bank  
Francesco Ravazzolo; Free University of Bozen/Bolzano  
Herman van Dijk; Erasmus University Rotterdam  
presented by: Francesco Ravazzolo, Free University of Bozen/Bolzano
Session 21: Forecasting and Finance (continued)
March 20, 2018 9:00 to 10:40
Room 473

Session Chair: Yfanti Stavroula, Lancaster University

Forecasting Stock Market Movements using Google Trend Searches
By Melody Huang; University of California Los Angeles
Patrick Convery; University of California Los Angeles
Randall Rojas; University of California Los Angeles
presented by: Melody Huang, University of California Los Angeles

Stylized Facts for Extended HEAVY/GARCH Models and MEM: The Importance of Asymmetries, Power Transformations, Long Memory, Structural Breaks and Spillovers
By Menelaos Karanasos; Brunel University
Yongdeng Xu; Cardiff Business School, Cardiff University
Yfanti Stavroula; Lancaster University
presented by: Yfanti Stavroula, Lancaster University

Session 22: Macroeconomic Theory
March 20, 2018 9:00 to 10:40
Room 475

Session Chair: Toan Phan, Federal Reserve Bank of Richmond

On Financial Risk, Growth, and Long-Run Risk
By Jesus Fernandez-Villaverde; University of Pennsylvania
Pablo Guerron-Quintana; Boston College
Ryo Jinnai; Hitotsubashi University
Munechika Katayama; Waseda University
presented by: Munechika Katayama, Waseda University

Real Business Cycles, Animal Spirits, and Equity Prices
By Kevin Lansing; Federal Reserve Bank of San Francisco
presented by: Kevin Lansing, Federal Reserve Bank of San Francisco

Monetary-Fiscal Policy Mix and Risks of Nominal Bonds
By Erica Li; Cheung Kong Graduate School of Business
Ji Zhang; Tsinghua University
Hao Zhou; Tsinghua University
presented by: Ji Zhang, Tsinghua University

Bubbly Recessions
By Toan Phan; Federal Reserve Bank of Richmond
Andrew Hanson; University of North Carolina Chapel Hill
Siddhartha Biswas; University of North Carolina, Chapel Hill
presented by: Toan Phan, Federal Reserve Bank of Richmond
Session 23: Unconventional Monetary Policy
March 20, 2018 9:00 to 10:40
Room 476

Session Chair: Kyle Rechard, Clemson University

Myths and Observations on Unconventional Monetary Policy -- Takeaways from Post-Bubble Japan --
By Nao Sudo; Bank of Japan
 presented by: Nao Sudo, Bank of Japan

International Spillovers of Quantitative Easing
By Marcin Kolasa; Narodowy Bank Polski
 presented by: Marcin Kolasa, Narodowy Bank Polski

Reverse Quantitative Easing: The Asymmetric Consequences of Shrinking the Federal Reserve Balance Sheet
By Kyle Rechard; Clemson University
 presented by: Kyle Rechard, Clemson University

Session 24: Liquidity Trap
March 20, 2018 9:00 to 10:40
Room 477

Session Chair: Nicholas Johnson, Queensland University of Technology

Taxation, Credit Spreads and Liquidity Traps
By William Tayler; Lancaster University
Roy Zilberman; Lancaster University
 presented by: Roy Zilberman, Lancaster University

Modelling Occasionally Binding Constraints Using Regime-Switching
By Andrew Binning; Norges Bank
Junior Maih; Norges Bank
 presented by: Junior Maih, Norges Bank

Estimating the Nonlinear New Keynesian Model with the Zero Lower Bound for Japan
By Hirokuni Iiboshi; Tokyo Metropolitan University
Mototsugu Shintani; University of Tokyo
Kozo Ueda; Waseda University
 presented by: Kozo Ueda, Waseda University
Session 24: Liquidity Trap (continued)  
March 20, 2018 9:00 to 10:40  
Room 477

Session Chair: Nicholas Johnson, Queensland University of Technology

The Taylor Rule and the Zero Lower Bound  
By Stan Hurn; Queensland University of Technology  
Nicholas Johnson; Queensland University of Technology  
Annastiina Silvennoinen; Queensland University of Technology  
Timo Terasvirta; Aarhus University  
presented by: Nicholas Johnson, Queensland University of Technology

REFRESHMENT BREAK  
Time: 10:40 – 11:10

Session 25: Plenary II - Chang-Jin Kim, University of Washington  
March 20, 2018 11:10 to 12:10  
Room 475

Session Chair: Ippei Fujiwara, Australian National University

Non-Markovian Regime-Switching Models  
By Chang-Jin Kim; University of Washington  
Jaeho Kim; University of Oklahoma  
presented by: Chang-Jin Kim, University of Washington

LUNCH  
Time: 12:10 – 13:40  
Location: 7th Floor, Room 475
Session Chair: Trino Niguez, Westminster Business School

An Alternative Explicit Formula for the Hodrick-Prescott Filter in Finite Sample
By Fatima Jahra; Hiroshima University
Hiroshi Yamada; Hiroshima University
  presented by: Fatima Jahra, Hiroshima University

Variable Selection Methods in High-dimensional Linear Regression: With Application to Determinants of the Financial Crisis
By Yi-Chi Chen; National Cheng Kung University
  presented by: Yi-Chi Chen, National Cheng Kung University

Nonparametric Quantile Regression for Double Censored Data with Application to Stock Markets with Price Limits
By Chi-Yang Chu; National Taipei University
  presented by: Chi-Yang Chu, National Taipei University

Semi-Nonparametric Distributions with Time-Varying Skewness and Kurtosis: Properties, Estimation and Applications to Portfolio Choice
By Angel Leon; Universidad de Alicante
Trino Niguez; Westminster Business School
  presented by: Trino Niguez, Westminster Business School

Session Chair: Sebastian Fossati, University of Alberta

Why has the U.S. Economy Stagnated Since the Great Recession?
By Yunjong Eo; University of Sydney
James Morley; University of Sydney
  presented by: James Morley, University of Sydney

Do Forecast Errors Matter for Inflation Targeters?
By Tara Sinclair; George Washington University
Pao-Lin Tien; George Washington University
  presented by: Pao-Lin Tien, George Washington University
Session 27: Forecasting Macro Fluctuations (continued)
March 20, 2018 13:40 to 15:20
Room 472

Session Chair: Sebastian Fossati, University of Alberta

Investigating the Inefficiency of the CBO's Budgetary Projections
By Natsuki Arai; National Chengchi University
  presented by: Natsuki Arai, National Chengchi University

Forecasting Recessions in Canada
By Sebastian Fossati; University of Alberta
Rodrigo Sekkel; Bank of Canada
Max Sties; University of Alberta
  presented by: Sebastian Fossati, University of Alberta

Session 28: Macro-Prudential Policy
March 20, 2018 13:40 to 15:20
Room 473

Session Chair: Jelena Zivanovic, Bank of Canada

Welfare and Optimal Bank Capital Structure: A Macro-Finance Approach
By Paul Luk; Hong Kong Baptist University
  presented by: Paul Luk, Hong Kong Baptist University

Coordinating Monetary and Financial Regulatory Policies
By Alejandro Van der Ghote; European Central Bank
  presented by: Alejandro Van der Ghote, European Central Bank

How Does the Housing Market Respond to Macroprudential Policies? The Case of Singapore
By Taojun Xie; Singapore Management University
  presented by: Taojun Xie, Singapore Management University

An Optimal Policy Mix for Segmented Credit Market
By Jelena Zivanovic; Bank of Canada
  presented by: Jelena Zivanovic, Bank of Canada
Session 29: Aging and Fiscal Policy
March 20, 2018 13:40 to 15:20
Room 475

Session Chair: Keisuke Otsu, Keio University

Population Aging and the Real Interest Rate in the Last and Next 50 Years - A Tale told by an Overlapping Generations Model
By Nao Sudo; Bank of Japan
Yasutaka Takizuka; Bank of Japan
presented by: Yasutaka Takizuka, Bank of Japan

Natural Rate of Interest in Japan -- Measuring its Size and Identifying Drivers Based on a DSGE Model --
By Yosuke Okazaki
Nao Sudo; Bank of Japan
presented by: Yosuke Okazaki

Revisiting the Fiscal Theory of Sovereign Risk from a DSGE Viewpoint
By Eiji Okano; Nagoya City University
Kazuyuki Inagaki; Nagoya City University
presented by: Eiji Okano, Nagoya City University

Population Aging, Government Policy and the Postwar Japanese Economy
By Keisuke Otsu; Keio University
Katsuyuki Shibayama; University of Kent
presented by: Keisuke Otsu, Keio University

Session 30: Financial Econometrics II
March 20, 2018 13:40 to 15:20
Room 476

Session Chair: Max Ole Liemen, Universität Hamburg

Finite Mixture of Regression Modeling for Exchange Market Pressures During the Financial Crisis: A Robust Bayesian Approach to Variable S
By Kuo-Jung Lee; National Cheng Kung University
presented by: Kuo-Jung Lee, National Cheng Kung University

By Yu-chin Chen; University of Washington
Chang-Jin Kim; University of Washington
Seojin Lee; Shanghai Lixin University of Accounting and Finance
presented by: Seojin Lee, Shanghai Lixin University of Accounting and Finance
Session 30: Financial Econometrics II (continued)
March 20, 2018 13:40 to 15:20
Room 476

Session Chair: Max Ole Liemen, Universität Hamburg

Linking Net Foreign Portfolio Debt and Equity to Exchange Rate Movements
By Malin Gardberg; Erasmus University Rotterdam
presented by: Malin Gardberg, Erasmus University Rotterdam

Structural Estimation of Dynamic Macroeconomic Models Using Higher-Frequency Financial Data
By Max Ole Liemen; Universität Hamburg
Olaf Posch; Universität Hamburg
Michel van der Wel; Erasmus University Rotterdam
presented by: Max Ole Liemen, Universität Hamburg

Session 31: Household: Consumption and Labor Supply
March 20, 2018 13:40 to 15:20
Room 477

Session Chair: Gisle Natvik, BI Norwegian Business School

New Dynamics of Consumption and Output
By Chang-Jin Kim; University of Washington
Dong Heon Kim; Korea University
CHUNJI XUAN; Jilin University
presented by: CHUNJI XUAN, Jilin University

Likelihood-Based Estimates of Household Income Risk and Consumption Insurance
By Arpita Chatterjee; University of New South Wales
James Morley; University of Sydney
Aarti Singh; University of Sydney
presented by: Aarti Singh, University of Sydney

Do Mincerian Wage Equations Inform How Schooling Influences Productivity?
By Christian Groth; University of Copenhagen
Jakub Growiec; Warsaw School of Economics & Narodowy Bank Polski
presented by: Jakub Growiec, Warsaw School of Economics & Narodowy Bank Polski

MPC Heterogeneity and Household Balance Sheets
By Andreas Fagereng; Statistics Norway
Martin Holm; BI Norwegian Business School
Gisle Natvik; BI Norwegian Business School
presented by: Gisle Natvik, BI Norwegian Business School
REFRESHMENT BREAK
Time: 15:20 – 15:50

Session 32: Market Frictions and Volatility
March 20, 2018 15:50 to 17:30
Room 471

Session Chair: Yang-Ho Park, Federal Reserve Board

Toxic Arbitrage and Price Discovery
By Kolja Johannsen; University of Warwick
presented by: Kolja Johannsen, University of Warwick

Endogenous Participation, Risk, and Learning in the Stock Market
By Michael Shin; University of California, Irvine
presented by: Michael Shin, University of California, Irvine

Trade Frictions in Decentralized Markets: An Experimental Study
By Burcu Kapar; American University in Dubai
Giulia Iori; City University London
Eva Camacho; Autonomous University of Madrid
Simone Alfarano; University Jaume I
presented by: Burcu Kapar, American University in Dubai

The VIX in the Spotlight: Attention Formation and Volatility Forecasting
By Yang-Ho Park; Federal Reserve Board
presented by: Yang-Ho Park, Federal Reserve Board

Session 33: Nonlinear Models II
March 20, 2018 15:50 to 17:30
Room 472

Session Chair: Geert Mesters, Universitat Pompeu Fabra

The Shifting Seasonal Mean Autoregressive Model and Seasonality in the Central England Monthly Temperature Series, 1772--2016
By Changli He; Tianjin University of Finance and Economics
Timo Teräsvirta; Aarhus University
presented by: Timo Teräsvirta, Aarhus University
Session 33: Nonlinear Models II (continued)
March 20, 2018 15:50 to 17:30
Room 472

Session Chair: Geert Mesters, Universitat Pompeu Fabra

Nonlinear Vector Autoregression using Radial Basis Function Neural Network
By Nobuyuki Kanazawa; Hitotsubashi University
presented by: Nobuyuki Kanazawa, Hitotsubashi University

Nonlinear Dynamic Factor Models with Interacting Level and Volatility
By Siem Jan Koopman; Vrije Universiteit Amsterdam
Geert Mesters; Universitat Pompeu Fabra
Bernd Schwaab; European Central Bank
presented by: Geert Mesters, Universitat Pompeu Fabra

Session 34: Forecasting Energy and Macro
March 20, 2018 15:50 to 17:30
Room 473

Session Chair: Valentin Pachenko, University of New South Wales

Forecasting Energy Futures Volatility with Threshold Augmented Heterogeneous Autoregressive Jump Models
By Fredj Jawadi; University of Evry
presented by: Fredj Jawadi, University of Evry

High Dimensionality Models and Forecasting
By Alessia Paccagnini; University College Dublin
presented by: Alessia Paccagnini, University College Dublin

Comparing the Forecasting Performances of Linear Models for Electricity Prices with High RES Penetration
By Angelica Gianfreda; Free University of Bozen-Bolzano
Francesco Ravazzolo; Free University of Bozen/Bolzano
Luca Rossini; Free University of Bozen
presented by: Luca Rossini, Free University of Bozen

Bayesian Estimation of the Heuristic Switching Model
By Mikhail Anufriev; University of Technology Sydney
Cars Hommes; University of Amsterdam
Valentyn Panchenko; University of New South Wales
presented by: Valentyn Panchenko, University of New South Wales
Session Chair: Daniel Soques, University of North Carolina at Wilmington

Identifying Monetary Policy Shocks Through Different Regimes Under Burns, Volcker and Greenspan
By Srecko Zimic; European Central Bank
  presented by: Srecko Zimic, European Central Bank

Same Spain, Less Pain?
By Patricia Gomez-Gonzalez; Fordham University
Daniel Rees; Reserve Bank of Australia
  presented by: Daniel Rees, Reserve Bank of Australia

A Structural Investigation of Monetary Policy Shifts
By Yoosoon Chang; Indiana University
  presented by: Yoosoon Chang, Indiana University

Interest Rate Rules Across The Business Cycle
By Daniel Soques; University of North Carolina at Wilmington
  presented by: Daniel Soques, University of North Carolina at Wilmington

Session Chair: Drago Bergholt, Norges Bank Research

Central Bank Credibility and Inflation Expectations: A Microfounded Forecasting Approach
By Joao Issler; Getulio Vargas Foundation
Ana Flavia Santos; FGV
  presented by: Ana Flavia Santos, FGV

Measuring the Inflation-Unemployment Trade-Off
By Regis Barnichon; Federal Reserve Bank of San Francisco
Oscar Jorda; Federal Reserve Bank of San Francisco
  presented by: Regis Barnichon, Federal Reserve Bank of San Francisco
**Session 36: Monetary Policy** (continued)  
March 20, 2018 15:50 to 17:30  
Room 476

Session Chair: Drago Bergholt, Norges Bank Research

Raising the Inflation Target in a Low Interest Rate Environment  
By Yunjong Eo; University of Sydney  
Denny Lie; The University of Sydney  
presented by: Yunjong Eo, University of Sydney

Optimal Price Stability for Commodity Producers  
By Drago Bergholt; Norges Bank Research  
presented by: Drago Bergholt, Norges Bank Research

**Session 37: Labor Market II**  
March 20, 2018 15:50 to 17:30  
Room 477

Session Chair: Sigurd Mølster Galaasen, Norges Bank

Zooming the Ins and Outs of the U.S. Unemployment with a Wavelet Lens  
By Antonio Rua; Banco de Portugal  
presented by: Antonio Rua, Banco de Portugal

Jobless Recoveries and Time Variation in Labor Markets  
By Irina Panovska; Lehigh University  
presented by: Irina Panovska, Lehigh University

Gender Composition and Changing Unemployment Dynamics  
By Amy Guisinger; Lafayette College  
Tara Sinclair; George Washington University  
presented by: Tara Sinclair, George Washington University

Mismatch and the Consequence of Job Loss  
By Sigurd Mølster Galaasen; Norges Bank  
Andreas Kostøl; Norges Bank  
presented by: Sigurd Mølster Galaasen, Norges Bank
South School Building (7th floor)

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