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**SEVENTH ANNUAL SYMPOSIUM**  
**THE SOCIETY FOR NONLINEAR DYNAMICS AND ECONOMETRICS**  
MARCH 18-19  
NEW YORK UNIVERSITY

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REGISTRATION: THURSDAY, 8:00-9:00 & DURING COFFEE BREAKS

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SESSION I: THURSDAY, 9:00-10:30

APPLICATIONS OF STOCHASTIC DIFFERENTIAL EQUATIONS TO ECONOMICS AND FINANCE

Chair: James B. Ramsey, New York University  
[ramseyj@fasecon.econ.nyu.edu](mailto:ramseyj@fasecon.econ.nyu.edu)

"Stochastic View of the Diamond Search Model"

[ [Abstract](#) ]

M. Aoki, UCLA

Y. Shirai, Keio University

[aoki@econ.ucla.edu](mailto:aoki@econ.ucla.edu)

"Post '87 Crash Fears in the S&P 500 Futures Option Market"

[ [Abstract](#) ] [ [Paper](#) ]

David Bates, University of Iowa

[david-bates@uiowa.edu](mailto:david-bates@uiowa.edu)

"Equilibrium Concepts for Social Interaction Models"

Lawrence Blume, Cornell University

[leb@label.cit.cornell.edu](mailto:leb@label.cit.cornell.edu)

"Analysis of a Stochastic Pension Fund Model"

Michael Orszag, Birkbeck College University of London

[jmo@ricardo.econ.bbk.ac.uk](mailto:jmo@ricardo.econ.bbk.ac.uk)

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COFFEE BREAK

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SESSION II: THURSDAY, 11:00-12:30

PARALLEL SESSION A: MACRO FORECASTING

Chair: Michael D. Boldin, The Conference Board  
[boldin@conference-board.org](mailto:boldin@conference-board.org)

"Predicting Turning Points: A Bayesian Analysis of US GNP"

[ [Abstract](#) ] [ [Paper](#) ]

Charles S. Bos (presenter)

Dick van Dijk, Erasmus University

[cbos@few.eur.nl](mailto:cbos@few.eur.nl)

"Leading Indicators, Do We Know How to Use Them?"

Maximo Camacho (presenter), Universidad Autonoma de Barcelona

Gabriel Perez Quiros, Federal Reserve Bank of New York

[gabriel.perez@ny.frb.org](mailto:gabriel.perez@ny.frb.org)

"Stock Market Fluctuations and the Business Cycle"

Marcelle Chauvet, UC Riverside

[chauvet@mail.ucr.edu](mailto:chauvet@mail.ucr.edu)

"Exchange-Rate Forecasts with Simultaneous Nearest-Neighbors Methods: Evidence from the EMS"

[[Paper](#)]

Fernando Fernandez-Rodriguez, Universidad de Las Palmas de Gran

Simon Sosvilla-Rivero (presenter), FEDEA and Universidad Complutense de Madrid

Julian Andrada-Felix, Universidad de La Laguna

[simon.sosvilla@fedea.es](mailto:simon.sosvilla@fedea.es)

#### PARALLEL SESSION B: MICRO DYNAMICS

Chair: Robert McClelland, US Bureau of Labor Statistics

[McClelland\\_R@bls.gov](mailto:McClelland_R@bls.gov)

"Network Externalities and the Path Dependence of Markets: Will Bill Gates Make It?"

[[Abstract](#)][[Paper](#)]

Max Keilbach (presenter), Centre for European Economic Research, Mannheim

Marko Wallat, Technical University Berlin

[keilbach@zew.de](mailto:keilbach@zew.de)

"Strategic Experimentation and Disruptive Technological Change"

[[Abstract](#)][[Paper](#)]

Fabiano Schivardi (presenter), Bank of Italy

Martin Schneider, Stanford University

[schiva@islamey.eco.utoronto.ca](mailto:schiva@islamey.eco.utoronto.ca)

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SESSION III: THURSDAY, 2:00-3:30

ANOMALIES AND NONLINEAR DYNAMICS IN MACRO AND FINANCE: SOME ASSORTED ISSUES

Chair: Craig Hiemstra, University of Essex

[chiems@essex.ac.uk](mailto:chiems@essex.ac.uk)

"A Microsimulation of Traders Activity in the Stock Market: The Role of Heterogeneous Expectations, Agents Interactions, and Information Flow"

[[Paper](#)]

Giulia Iori, University of Essex

[iorig@essex.ac.uk](mailto:iorig@essex.ac.uk)

"Learning and the Law of Iterated Projections"

[[Abstract](#)]

Bartholomew Moore (presenter), Fordham University

Huntley Schaler, Carleton University

[baya315@aol.com](mailto:baya315@aol.com)

"A Nonparametric Numerical Procedure to Solve the Nonlinear Euler Equation and Asset Market Implications in RBC Models"

[ [Abstract](#) ]

Peter Woehrmann, University of Bielefeld

Willi Semmler (presenter), New School for Social Research and University of Bielefeld

Martin Lettau, Federal Reserve Bank of New York

[SemmlerW@newschool.edu](mailto:SemmlerW@newschool.edu)

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SESSION IV: THURSDAY, 4:00-5:30

PARALLEL SESSION A: APPLIED MACRO TIME SERIES

Chair: Jerry Dwyer, Clemson University

[dwyerg@clemson.edu](mailto:dwyerg@clemson.edu)

"Multiple Unemployment Equilibria: Do Transitory Shocks have Permanent Effects"

Qaisar Farooq Akram, Central Bank of Norway

[ [Paper](#) ]

[qaisar-farooq.akram@norges-bank.no](mailto:qaisar-farooq.akram@norges-bank.no)

"Testing for Government Intertemporal Solvency: A Smooth Transition Error Correction Model Approach"

[ [Abstract](#) ] [ [Paper](#) ]

Andrea Cipollini, London Business School

[a.cipollini@lbs.ac.uk](mailto:a.cipollini@lbs.ac.uk)

"Tests for Non-Linear Dynamics in Systems of Non-Stationary Variables"

[ [Abstract](#) ] [ [Paper](#) ]

Barry E. Jones, The Brookings Institution

Travis D. Nesmith (presenter), US Bureau of Labor Statistics

[nesmith\\_t@bls.gov](mailto:nesmith_t@bls.gov)

"Time Series Evidence on Whether Adjustment to Long-Run Equilibrium Asymmetric"

[ [Abstract](#) ] [ [Paper](#) ]

Philip Rothman, East Carolina University

[rothmanp@mail.ecu.edu](mailto:rothmanp@mail.ecu.edu)

PARALLEL SESSION B: ENDOGENOUS GROWTH

Chair: Willi Semmler

New School for Social Research and University of Bielefeld

[SemmlerW@newschool.edu](mailto:SemmlerW@newschool.edu)

"Debt Inflation in an Integrated Disequilibrium Model with Endogenous Growth"

Carl Chiarella (presenter), University of Technology Sydney

Peter Flaschel, University of Bielefeld

[carl.chiarella@uts.edu.au](mailto:carl.chiarella@uts.edu.au)

"Growth Effect of Fiscal Policy in an Endogenous Growth Model with Productive Public Spending and Pollution"

[ [Paper](#) ]

Alfred Greiner, University of Augsburg

Thomas Kuhn (presenter), Technical University Chemnitz-Zwickau

[Thomas.Kuhn@Wirtschaft.TU-Chemnitz.DE](mailto:Thomas.Kuhn@Wirtschaft.TU-Chemnitz.DE)

"Fiscal Policy, Increasing Returns, and Endogenous Fluctuations"

[ [Abstract](#) ] [ [Paper](#) ]

Jang-Ting Guo (presenter), UC Riverside

Kevin J. Lansing, Federal Reserve Bank of San Francisco

[guojt@mail.ucr.edu](mailto:guojt@mail.ucr.edu)

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RECEPTION: THURSDAY, 5:30-7:00

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SESSION V: FRIDAY, 9:00-10:30

PARALLEL SESSION A: APPLIED MACRO TIME SERIES

Chair: Philip Rothman, East Carolina University

[rothmanp@mail.ecu.edu](mailto:rothmanp@mail.ecu.edu)

"Non-Linear Dynamics of Inflation in High Inflation Economies"

[ [Abstract](#) ] [ [Paper](#) ]

J.D. Byers (presenter) and D.A. Peel, Cardiff University

[byersjd@cardiff.ac.uk](mailto:byersjd@cardiff.ac.uk)

"Nonlinearities in Excess Foreign Exchange Returns"

[ [Abstract](#) ]

Jerry Coakley (presenter), London Guildhall University

Ana-Maria Fuertes, London Guildhall University

[jcoakley@econ.bbk.ac.uk](mailto:jcoakley@econ.bbk.ac.uk)

"Nonlinearities in European Real Exchange Rate Adjustment"

[ [Paper](#) ]

Lucio Sarno and Mark Taylor (presenter), University of Oxford

[mark.taylor@economics.ox.ac.uk](mailto:mark.taylor@economics.ox.ac.uk)

PARALLEL SESSION B: TIME SERIES ECONOMETRICS

Chair: Bruce Mizrach, Rutgers University

[mizrach@econ.rutgers.edu](mailto:mizrach@econ.rutgers.edu)

"Bayes Inference in Common Markov Switching Trends Models"

[ [Abstract](#) ] [ [Paper](#) ]

Sylvia Kaufmann, University of Vienna

[sylvia.kaufmann@univie.ac.at](mailto:sylvia.kaufmann@univie.ac.at)

"Wavelet Transforms for the Statistical Analysis of Financial Volatility"

Enrico Capobianco, University of Denmark

[enrico@eivind.imm.dtu.dk](mailto:enrico@eivind.imm.dtu.dk)

"Consistent Testing for Serial Independence"

[ [Abstract](#) ] [ [Paper](#) ]

Cees Diks, University of Amsterdam

[diks@fee.uva.nl](mailto:diks@fee.uva.nl)

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SESSION VI: FRIDAY, 11:00-12:30

HETEROGENEOUS BELIEFS AND NONLINEAR DYNAMICS IN FINANCIAL MARKETS

Chair: Carl Chiarella, University of Technology, Sidney  
[carl.chiarella@uts.edu.au](mailto:carl.chiarella@uts.edu.au)

"Genetic Programming in an Agent-Based Artificial Financial Market: Simulations and Analysis"  
[ [Abstract](#) ] [ [Paper](#) ]

Shu-Heng Chen (presenter) and Chia-Hsuan Yeh, National Chengchi University, Taipei  
[chchen@nccu.edu.tw](mailto:chchen@nccu.edu.tw)

"Volatility Clustering in Financial Markets: A Micro-Simulation of Interacting Agents"  
[ [Abstract](#) ] [ [Paper](#) ]

Thomas Lux (presenter), University of Bonn  
Michele Marchesi, University of Calgary  
[lux@iiw.uni-bonn.de](mailto:lux@iiw.uni-bonn.de)

"Towards Behaviorly Realistic Simulations of the Stock Market (Traders with a Soul)"  
Sorin Solomon, Hebrew University

[sorin@cc.huji.ac.il](mailto:sorin@cc.huji.ac.il)

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SESSION VII: FRIDAY, 2:00-3:30

ECONOMETRICS FOR CONTINUOUS-TIME FINANCE

Chair: George Tauchen, Duke University  
[get@econ.duke.edu](mailto:get@econ.duke.edu)

"What Data Should be Used to Price Options"  
Mikhail Chernov (presenter) and Eric Ghysels, Pennsylvania State University

[ [Paper](#) ]  
[mchernov@psu.edu](mailto:mchernov@psu.edu)

"A Dynamic Model of the Risk-Neutral Probability Density Function for the S&P 500 Index"  
Larry Kochard, University of Virginia

[lek8e@server2.mail.virginia.edu](mailto:lek8e@server2.mail.virginia.edu)

"Jump-Diffusion Term Structure and Ito Conditional Moment Generator"  
[ [Abstract](#) ] [ [Paper](#) ]

Hao Zhou, Duke University  
[zhou@econ.duke.edu](mailto:zhou@econ.duke.edu)

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