

## **2017**

### **7 March**

Peter Exterkate, The University of Sydney and CREATES

Title: A regime-switching stochastic volatility model for forecasting electricity prices

### **14 March**

Douglas Eduardo Turatti, Aarhus University and CREATES

Title: Dynamic factor models with wishart multivariate stochastic volatility

### **21 March**

Annika Lindblad, University of Helsinki

Title: Exploring the time-variation in long-term stock market volatility forecasts

### **28 March**

Natalia Bailey, Queen Mary University of London

Title: A multiple testing approach to the regularisation of large sample correlation matrices

### **4 April**

Jonas Nygaard Eriksen, Aarhus University and CREATES

Title: Cross-sectional return dispersion and currency momentum

### **18 April**

Carsten Paysen T. Rosenskjold, Aarhus University and CREATES

Title: Generalizing the Gompertz model. A parametric factor modelling approach for adult mortality

### **25 April**

Gustavo Fruet Dias, Aarhus University and CREATES

Title: Volatility Discovery

### **16 May**

Bezirgen Veliyev, Aarhus University and CREATES

Title: The realized empirical distribution function of volatility

### **30 May**

Maria Grith, Humboldt University of Berlin

Title: Functional Principal Component Analysis for Derivatives of Multivariate Curves

### **6 June**

Eduardo Vera-Valdés, Aarhus University and CREATES

Title: Nonfractional Memory: Simulation and Forecasts

### **26 September**

Giorgio Mirone, Aarhus University and CREATES

Title: Inference from the futures: Ranking the noise cancelling accuracy of realized measures

### **3 October**

Niels Strange Grønberg, Aarhus University and CREATES

Title: Model specification in finance: New test with applications to asset pricing

**10 October**

Douglas Turatti, Aarhus University and CREATES

Title: Time-varying Autoregressive Models with Stochastic Volatility: An Application to Inflation Forecasting

**24 October**

James Oeppen, SDU, Odense

Title: Forecasting mortality by cause of death: a Compositional Data approach to a competing risk problem

**31 October**

Giorgio Mirone, Aarhus University and CREATES

Title: Incorporating Overnight Futures Data In Daytime Stock Volatility Forecasting

**7 November**

Juan Carlos Parra-Alvarez, Aarhus University and CREATES

Title: Risk matters: Breaking certainty equivalence

**21 November**

Erik Christian Montes Schütte, Aarhus University and CREATES

Title: Money Illusion, the empirical evidence

**5 December**

Bezirgen Veliyev, Aarhus University and CREATES

Title: Bandit problems, machine learning and dynamic treatment allocation

**19 December**

Martin Thyrgaard, Aarhus University and CREATES

Title: The intraday periodicity of volatility

**2016****2 February**

Mikkel Bennedsen, Aarhus University and CREATES

Modelling and forecasting the regulating power market price

**9 February**

Vladimir Rodríguez-Caballero, Aarhus University and CREATES

A dynamic multi-level factor model with long range dependence

**23 February**

Toshio Honda, Hitotsubashi University

Efficient estimation in semivarying coefficient models for longitudinal/clustered data

**1 March**

Oskar Knapik, Aarhus University and CREATES

Modeling and forecasting electricity price jumps occurrence in the Nord Pool power marketTue

**8 March**

Niels Strange Grønberg, Aarhus University and CREATES

Picking funds with confidence

**15 March**

Magnus Sander Jensen, Aarhus University and CREATES  
Bond market asymmetries across recessions and expansions

**29 March**

Federico Carlini, Aarhus University and CREATES  
Inference for a fractional error correction model

**5 April**

Paolo Santucci de Magistris, Aarhus University and CREATES  
Retrieving Risk-Neutral Densities Embedded in VIX Options: a Non-Structural Approach

**12 April**

Shin Kanaya, Aarhus University and CREATES  
Estimating the Impact of Means-tested Subsidies under Treatment Externalities with Application to Mosquito-Nets

**19 April**

Alexander V. Helweg-Mikkelsen, Aarhus University and CREATES  
Estimation of multivariate jump-diffusions - Dealing with unobserved variables and non-stationarity

**26 April**

Anders Bredahl Kock, Aarhus University and CREATES  
Multi-armed bandits and optimal dynamic treatment allocation

**3 May**

Jakob Guldbæk Mikkelsen, Aarhus University and CREATES  
Foreign exchange rates and macroeconomic fundamentals: A Time-varying factor model approach

**10 May**

Kasper Jørgensen, Aarhus University and CREATES  
Explaining Asset Prices with Low Risk Aversion and Low Intertemporal Substitution

**17 May**

Morten Ø. Nielsen, Queen's University and CREATES  
The cointegrated vector autoregressive model with general deterministic terms

**24 May**

Carsten Paysen T. Rosenskjold, Aarhus University and CREATES  
Explaining the Female Longevity Puzzle: Using Register data to analyse mortality behaviour of socio-economic groups and exploiting coherent relations to improve mortality forecasting

**31 May**

Martin Møller Andreasen, Aarhus University and CREATES  
A New Keynesian model with feedback effects from long-term bonds to the real economy

**14 June**

Eduardo Vera-Valdés, Aarhus University and CREATES  
Forecasting Long Memory Processes with the ARFIMA Model

**20 September**

Svend Hylleberg, Aarhus University and CREATES  
Economics at Aarhus University, 1936 – 1949

**4 October**

Bent Jesper Christensen, Aarhus University and CREATES  
Medium Band Least Squares Estimation of Fractional Cointegration in the Presence of Low-Frequency Contamination

**1 November**

Martin Thyrsgaard, Aarhus University and CREATES  
Title: The invariant distribution of volatility

**15 November**

Wei Ruen Leong, Aarhus University and CREATES  
Title: GARCH(1,1) on (very) small samples

**22 November**

Mads Dang, Aarhus University and CREATES  
New evidence on inflation dynamics in the New Keynesian model

**29 November**

Kim Christensen, Aarhus University and CREATES  
The drift burst hypothesis

**2 December**

Catherine Doz, Paris School of Economics and Université Paris 1 Panthéon-Sorbonne: Consistency of 2-step estimators of Markov Switching Dynamic Factor Models  
Marco Lippi, Einaudi Institute for Economics and Finance: The dynamic structure of high-dimensional factor models

**6 December**

Christian Montes Schütte, Aarhus University and CREATES  
Testing for bubbles in the presence of autocorrelated innovations

**13 December**

Siem Jan Koopman, VU University Amsterdam, Tinbergen Institute and CREATES  
Title: Forecasting match results in European football competitions: new dynamic models and comparisons

**19 December**

Ulrich Hounyo, Aarhus University and CREATES  
Testing for heteroscedasticity in jumpy and noisy high frequency data: a resampling approach

## **2015**

### **13 January**

Peter Exterkate, University of Sydney and CREATES

Distribution Forecasting in Nonlinear Models with Stochastic Volatility

### **3 February**

Søren Johansen, University of Copenhagen and CREATES

The optimal hedging and optimal Sharpe ratio in the cointegrated VAR and Optimizing the Sharpe ratio in the cointegrated vector autoregressive model

### **17 February**

Tommaso Proietti, University of Rome "Tor Vergata" and CREATES

Seasonal Changes in Temperature Series

### **24 February**

Timo Teräsvirta, Aarhus University and CREATES

A Smooth Transition Logit Model of the Effects of Deregulation in the Electricity Market

### **3 March**

Harri Pönkä, University of Helsinki

International Sign Predictability of Stock Returns: The Role of the U.S.

### **10 March**

Kasper Jørgensen, Aarhus University and CREATES

A Generalized Utility Kernel: Explaining Equity and Term Premia with Low Risk Aversion

### **17 March**

Carsten Paysen Thillemann Rosenskjold, Aarhus University and CREATES

Mortality Forecasting by Dynamic Parameterization Functions

### **24 March**

Anders Bredahl Kock, Aarhus University and CREATES

Asymptotically honest confidence bands in the high-dimensional linear regression model

### **14 April**

Bo Laursen, Aarhus University and CREATES

A Generalized Schwartz Model for Commodity Futures – Estimation using a Particle MCMC method

### **21 April**

Jakob Guldbæk Mikkelsen, Aarhus University and CREATES

Consistent Loading Estimation in Time Varying Factor Models

### **23 April**

Anders Bredahl Kock, Aarhus University and CREATES

Pitfalls in Maximum Likelihood Estimation -- Bahadur, LeCam and Hodges' counterexamples

### **12 May**

Mikkel Mulvad Bennedsen, Aarhus University and CREATES

Estimation of integer-valued trawl processes

**19 May**

Niels Strange Hansen, Aarhus University and CREATES  
Realizing commodity beta

**2 June**

Andrea Barletta, ECON  
Retrieving Risk-Neutral Densities Embedded in VIX Options: a Non-Structural Approach

**1 September**

Timo Teräsvirta, Aarhus University and CREATES  
Testing and modelling the unconditional variance component in multiplicative time-varying GARCH models

**8 September**

Mikkel Mulvad Bennedsen, Aarhus University and CREATES  
Hybrid scheme for Brownian semistationary processes

**15 September**

Niels Haldrup, Aarhus University and CREATES  
Fractional or non-fractional long memory

**22 September**

Anders Bredahl Kock, Aarhus University and CREATES  
Testing many moment (in)equalities

**29 September**

Jeffrey Racine, McMaster University and CREATES  
Direct nonparametric conditional quantile estimation

**6 October**

Yunus Emre Ergemen, Aarhus University and CREATES  
Generalized Efficient Inference on Factor Models with Long-Range Dependence

**20 October**

Eduardo Vera-Valdés, Aarhus University and CREATES  
Long Memory and Cross-Sectional Aggregation

**3 November**

Anders Kronborg, Aarhus University and CREATES  
New Evidence on Downward Nominal Wage Rigidities

**4 November**

Ramazan Gençay, Simon Fraser University  
A wavelet ratio estimator for fractional noise

**17 November**

Juan Carlos Parra-Alvarez, Aarhus University and CREATES  
Identification and estimation of heterogeneous agent model

**24 November**

Vladimir Rodríguez-Caballero, Aarhus University and CREATES  
Multilevel factor model with long-range dependence

**1 December**

Bezirgen Veliyev, Aarhus University and CREATES  
Validity of Edgeworth expansions for realized volatility estimators

**8 December**

Ye Yue, Tampere University of Technology  
GARCH Models for VIX Term Structure

**2014****4 February**

Yukai Yang, CORE and CREATES  
State-Space Models on Stiefel Manifold: Specification and Estimation

**11 February**

Wei Wei, Aarhus University and CREATES  
The Geometric-VaR Backtesting Method

**18 February**

Kasper Vinther Olesen, Aarhus University and CREATES  
Modeling and Forecasting the Volatility of Energy Forward Returns

**25 February**

Manuel Sebastian Lukas, Aarhus University and CREATES  
Frequency Dependence in the Risk-Return Relation

**4 March**

Mikkel Mulvad Bennedsen, Aarhus University and CREATES  
Modelling Commodity Prices by Brownian Semistationary Processes

**11 March**

Andrii Bodnar, University of Balearic Islands  
Causality between outbound holiday and business tourism in EU countries

**18 March**

Christos S. Savva, Cyprus University of Technology  
Effects of bail-in on macroeconomic indicators: the case of Cyprus

**19 March**

Andrew Binning, Norges bank  
Presentation of results from two papers on the solution of non-linear DSGE models

**25 March**

Lorenzo Boldrini, Aarhus University and CREATES  
Supervision in Dynamic Factor Models

**1 April**

Dragan Tevdovski, Aarhus University and CREATES  
Extreme coexceedances in South Eastern European stock markets with focus on EU accession countries

**8 April**

Haihan Tang, University of Cambridge

Model selection in high-dimensional dynamic panel data models

**15 April**

Murat Midilic, Ghent University

Influence of Central Bank Interventions on Exchange Rate Volatility during High Capital Flow Periods

**22 April**

Harry Vander Elst, Solvay Business School

Disentangled jump-robust Realized Covariances and Correlations with non-synchronous prices

**29 April**

Bezirgen Veliyev, Aarhus University and CREATES

Title unknown

**6 May**

Emilio Zanetti Chini, University of Rome "Tor Vergata"

Testing and selecting local proper scoring rules

**20 May**

Carsten Paysen T. Rosenskjold, Aarhus University and CREATES

TBA

**27 May**

Dennis Karstanje, Erasmus University Rotterdam

Common Factors in Commodity Futures Curves

**10 June**

Paolo Santucci de Magistris, Aarhus University and CREATES

Chasing volatility: A persistent multiplicative error model with jumps

**26 August**

Carsten Paysen T. Rosenskjold, Aarhus University and CREATES

Explaining the Female Longevity Puzzle

**2 September**

Mikko Pakkanen, Aarhus University and CREATES

Discretization of Brownian semistationary processes with an application to estimation

**9 September**

Wei Wei, Aarhus University and CREATES

A Generalized Schwartz Model for Energy Spot Prices - Estimation using a Particle MCMC Method

**16 September**

Anders Bredahl Kock, Aarhus University and CREATES

Honest inference with the conservative Lasso

**23 September**

Ulrich Hounyo, Aarhus University and CREATES



Bootstrapping integrated covariance matrix estimators in noisy jump-diffusion models with non-synchronous trading

**30 September**

Bezirgen Veliyev, Aarhus University and CREATES

Constructing positive semi-definite estimators using subsampling in high-frequency data

**14 October**

Girum Abate, Aarhus University and CREATES

Space-Time modeling of electricity spot prices

**21 October**

Valentina Colombo

Opening the Red Budget Box: Real Effects of a Tax Shock in the UK

**28 October**

Anders Alexander Vedel Helweg-Mikkelsen

Estimation and Pricing within Financial Models with Unobserved Variables

**4 November**

Orimar Sauri

Invertibility of infinitely divisible continuous time moving average processes

**11 November**

Sercan Eraslan, Hamburg University

Nonlinear adjustment dynamics in offshore and onshore renminbi markets

**18 November**

Stefan Schaefer, Hamburg University

Asset pricing implications of RBC models with heterogeneous information

**25 November**

Juan Carlos Parra Alvarez, Aarhus University and CREATES

Time-varying disaster risk models: An empirical assessment of the Rietz-Barro hypothesis

**2 December**

Anders Kronborg, Aarhus University and CREATES

Improving Accuracy and Stability of Higher-order Perturbation Approximations to Non-linear DSGE Models

**9 December**

Eduardo Vera-Valdés, Aarhus University and CREATES

Unbalanced Regressions and the Predictive Equation

**2013**

**19 February**

Anders Bredahl Kock, Aarhus University and CREATES

Oracle Inequalities in High-Dimensional Panel Data Models

**26 February**

Tom Engsted, Aarhus University and CREATES

The volatility of housing markets in the OECD area - Evidence from VAR based return decompositions

**12 March**

Jonas Nygaard Eriksen, Aarhus University and CREATES

Forecasting U.S. Recessions: The Role of Sentiments

**19 March**

Emilio Zanetti Chini, University of Rome "Tor Vergata"

150 Years of Italian CO2 Emissions and Economic Growth

**2 April**

Dan Mønster, Aarhus University

Convergent Cross Mapping: Practical Experience with a new Method for Detecting Causality in Time Series Data

**9 April**

Wei Wei, North Carolina State University

A Jump Diffusion Model for Volatility and Duration

**16 April**

Bilel Sanhaji, Aix-Marseille University

Title: Testing the constancy of conditional correlations in multivariate GARCH-type models

**23 April**

Jilber Urbina, Universitat Rovira i Virgili

Title: Contagion vs Interdependence: A MIDAS DCC approach

**30 April**

Ulrich K. Hounyo, OxMan and CREATES

Title: Bootstrapping realized volatility and realized beta under a local Gaussianity assumption

**7 May**

Stefano Grassi, Aarhus University and CREATES

Title: Parallel Sequential Monte Carlo for Efficient Density Combination: The Deco Matlab Toolbox

**21 May**

Federico Carlini, Aarhus University and CREATES

Title: Fractional Integration and Cointegration with the Fast Fractional Filter

**27 August**

Tommaso Proietti, Università di Roma "Tor Vergata" and CREATES

Title: Estimating Long-Run Trends: The Multistep Beveridge-Nelson Decomposition

**10 September**

Cristina Scherrer, Aarhus University and CREATES

Title: Price discovery in dual-class shares across multiple markets

**17 September**

Shin Kanaya, Aarhus University and CREATES

Title: Nonparametric estimation for mixed-frequency time series: A convolution approach

**24 September**

Peter Exterkate, Aarhus University and CREATES

Title: Nonlinear Forecasting with Many Predictors under Stochastic Volatility

**1 October**

Nima Nonejad, Aarhus University and CREATES

Title: Long Memory with Stochastic Volatility: Modeling and Forecasting US Inflation using Particle Markov Chain Monte Carlo

**8 October**

Orimar Sauri, Aarhus University and CREATES

Title: On Lévy semistationary processes with a gamma kernel

**22 October**

Manuel Lukas, Aarhus University and CREATES

Title: Forecasting with Weak Predictors

**29 October**

Dragan Tevdovski, University Ss. Cyril and Methodius in Skopje and CREATES

Title: South Eastern European Stock Markets Linkages: Cointegration Approach

**5 November**

Niels Strange Hansen, Aarhus University and CREATES

Title: Time-Varying Skills: The role of returns and holdings-based information

**12 November**

Martin Møller Andreasen, Aarhus University and CREATES

Title: Dynamic term structure models: The best way to enforce the zero lower bound□

**19 November**

Anders Bredahl Kock, Aarhus University and CREATES

Title: Oracle Inequalities for Convex Loss Functions

**26 November**

Daniela Osterrieder, Aarhus University and CREATES

Title: Interest Rates with Long Memory: A Generalized Affine Term-Structure Model

**3 December**

Gustavo Fruet Dias, Aarhus University and CREATES

Title: Inference on GARCH-in-mean models with time-varying coefficients: assessing risk premium over time

**10 December**

Pedro Brinca, Stockholm University

Title: Distortions in the Neoclassical Growth Model: A Cross-Country Analysis□

**17 December**

Mikko Pakkanen, Aarhus University and CREATES

Title: Relative volatility

**2012**

**10 January.** Matt Dziubinski, Aarhus University and CREATES: Commodity Derivatives Pricing with Inventory Effects

**21 February.** Cristina Amado, University of Minho: Modelling Changes in the Unconditional Variance of Long Stock Return Series

**28 February.** Bent Jesper Christensen, Aarhus University and CREATES: FIEGARCH-M

**6 March.** Richard Bailli, Michigan State University: Instability of uncovered interest parity with time varying parameters

**14 March.** Olaf Posch, Aarhus University and CREATES: On the estimation of the volatility-growth link

**20 March.** Anders Bredahl Kock, Aarhus University and CREATES: Oracle Inequalities for Prediction and Estimation in High Dimensional Vector Autoregressions

**27 March.** Federico Carlini, Aarhus University and CREATES: Twice Integrated

**10 April.** Mikko Pakkanen, Aarhus University and CREATES: Determining the realized volatility of an ambit field

**17 April.** Eric Hillebrand, Aarhus University and CREATES: State space models for the relation of sea-level and temperature

**24 April.** Stefano Grassi, Aarhus University and CREATES: Heterogeneous Computation In Economics: A Simplified Approach

**1 May.** Morten Ø. Nielsen, Queen's University and CREATES: The role of initial values in fractional time series models

**8 May.** Marcelo Cunha Medeiros, Pontifical Catholic University of Rio de Janeiro: Nonparametric instrumental variables for additive nonlinear models

**26 June.** Emmanuel Senyo Fianu, Verona University: Portfolio Optimization of Energy Markets using Future Prices

**18 September.** Timo Teräsvirta, Aarhus University and CREATES: Global hemispheric temperature trends and co-shifting: A shifting-mean vector autoregressive analysis

**25 September.** Niels Haldrup, Aarhus University and CREATES: Discriminating between fractional and non-fractional long memory

**2 October.** Jie Zhe, Shufe: Factor volatility and asset pricing: a generalized dynamic factor model

**9 October.** Juan Carlos Parra Alvarez, Aarhus University and CREATES: A comparison of numerical methods for the solution of continuous-time DSGE models

**23 October.** Xijia Liu, Uppsala University: Panel unit root tests based on sample variance

**30 October.** Charlotte Christiansen, Aarhus University and CREATES: Integration of European Bond Markets

**6 November.** Emilio Zanetti Chini, University of Rome "Tor Vergata": Predictive scoring structures

**13 November.** Anssi Kohonen, University of Helsinki: New Test for Contagion

**20 November.** Niels Strange Hansen, Aarhus University and CREATES: Analyzing oil futures with a dynamic Nelson-Siegel model

**27 November.** Anne Floor Sørensen, Aarhus University and CREATES: Estimating stochastic volatility models using prediction-based estimating functions

**4 December.** Mikko Pakkanen, Aarhus University and CREATES: Parameter estimation for Brownian semistationary processes

**11 December.** Paolo Santucci de Magistris, Aarhus University and CREATES: Testing for shifts in a potentially long memory framework: a state space approach

## **2011**

**1 February** Kim Christensen, Aarhus University & CREATES: Fact or friction: Jumps at ultra high frequency

**22 February** Tom Engsted, Aarhus University & CREATES: Cross-sectional consumption-based asset pricing

**4 March** Andrew C. Harvey, University of Cambridge: Exponential Conditional Volatility Models

**11 March** Dag Tjøstheim, University of Bergen: Local Gaussian correlation

**15 March** Valeri Voev, Aarhus University & CREATES: Covariance Forecasting with Mixed Frequency Data

**22 March** (Extended seminar) Eric Hillebrand, Louisiana State University: Temporal Correlation of Defaults in Subprime Mortgages

**29 March** Daniel Ventosa-Santaulària, Universidad de Guanajuato: A simple test for spurious regression

**5 April** Olaf Posch, Aarhus University & CREATES: Bond and Stock Returns and their Correlation under Gaussian-Poisson uncertainty

**12 April** Paolo Santucci de Magistris, Aarhus University & CREATES: When long memory meets the Kalman filter: A comparative study

**26 April** Yushu Li, Linnaeus University, Sweden: Wavelet based outlier correcting for a power controlled turning point detecting procedure in surveillance system

**3 May** Rasmus Varneskov, Aarhus University & CREATES: Combining Long Memory and Level Shifts in Modeling an Forecasting of Persistent Time Series

**17 May** Robinson Kruse, Aarhus University & CREATES: The Power of Unit Root Tests Against Nonlinear Local Alternatives

**3 August** Rasmus Varneskov, Aarhus University & CREATES: Generalized Flat-Top Realized Kernel Estimation of Ex-Post Variation of Asset Prices Contaminated by Noise

**30 August** Yukai Kevin Yang, Aarhus University & CREATES: Specification, estimation and evaluation of Vector Smooth Transition Autoregressive models with applications

**6 September** Rasmus Varneskov, Aarhus University & CREATES: Flat-Top Realized Kernel Estimation of Quadratic Covariation with Non-Synchronous and Noisy Asset Prices

**13 September** Marius Matei, The Romanian Academy: Multivariate volatility modeling with high frequency data

**20 September** Kasper Olesen, Aarhus University & CREATES: Measuring, Modeling and Forecasting Volatility of Energy Forwards

**27 September** Martin Klint Hansen, Aarhus University & CREATES: And Now, The Rest of The News: Volatility and Firm Specific News

**4 October** Manuel Lukas, Aarhus University & CREATES: The Role of Decision Rules in Utility-based Forecast Evaluation: The Case of a New Maxmin Rule

**11 October** Yukai Kevin Yang, Aarhus University & CREATES: Bayesian Analysis of the Cointegrated VAR model

**25 October** Anders Bredahl Kock, Aarhus University & CREATES: Variable selection in autoregressions with the adaptive LASSO

**1 November** Xiaoxiao Zhang, Beijing Institute of Technology: Crude Oil Price Forecasting Using Fuzzy Time Series

**8 November** Peter Exterkate, Aarhus University & CREATES: Nonlinear forecasting with many predictors using kernel ridge regression

**15 November** Malene Kallestrup Lamb, Aarhus University & CREATES: Mortality Forecasting at Advanced Ages - Applying the Lee-Carter Model to an Economic Panel

**22 November** Yukai Kevin Yang, Aarhus University & CREATES: Test against multivariate heteroskedasticity

**29 November** Emilio Zanetti Chini, University of Rome "Tor Vergata": Generalizing Smooth Transition Regression Models

**5 December** Paolo Santucci de Magistris, Aarhus University & CREATES: A dynamic multifactor model for high and low frequency volatility activity

**13 December** Lasse Bork: Housing price forecastability: A factor analysis

## 2010

**2 February** Morten Ø. Nielsen, Queen's University & CREATES: Nearly Efficient Likelihood Ratio Tests of the Unit Root Hypothesis

**9 February** Paolo Santucci de Magistris, University of Pavia: Fractional Cointegration and Level Shifts in the Realized and Implied Volatility Relation

**23 February** Frank Nielsen, Aarhus University & CREATES: Discriminating between fractional Gaussian and spurious long memory processes

**2 March** Andreas Schrimpf, Aarhus University & CREATES: Carry Trades and Global Foreign Exchange Volatility

**16 March** Paulius Stakenas, Amsterdam School of Economics: Estimation and Inference of Fractionally Integrated Regressions by an Autoregressive Approximation

**23 March** Isabel Casas, Aarhus University & CREATES: Comovements among different sectors of SP500 during 2004-2010

**6 April** Anders B. Kock, Aarhus University & CREATES: Oracle Efficient Variable Selection in Random Effects Panel Data Models

**27 April** Olaf Posch, Aarhus University & CREATES: Estimating Continuous-Time DSGE Models using Macro and Financial Data: A Regression Based Approach

**4 May** Thomas Q. Pedersen, Aarhus University & CREATES: Predictable Return Distributions

**18 May** Laurent Callot, Aarhus University & CREATES: Likelihood inference in Panels of Cointegrated VARs

**31 August** Lars Stentoft, HEC Montreal & CREATES: Multivariate Option Pricing with Time Varying Volatility and Correlations

**7 September** Asger Lunde, Aarhus University & CREATES: Estimating and Forecasting Volatility using High Frequency Data

**14 September** Athur Treadway: The Daily Closing VIX Data for 2008 Reveal Unrecognized Properties

**21 September** Robin Kruse, Aarhus University & CREATES: Linearity Testing in Time-Varying STAR Models under Unknown Degree of Persistency

**28 September** Bent Jesper Christensen, Aarhus University & CREATES: Latent Integrated Stochastic Volatility, Realized Volatility, and Implied Volatility: A State Space Approach

**5 October** Christian Bach, Aarhus University & CREATES: Habit-based Asset Pricing with Limited Participation Consumption

**26 October** Søren Johansen, University of Copenhagen & CREATES: An econometric analysis of the Blanchard-Watson bubble model

**2 November** Andreas Schrimpf, Aarhus University & CREATES: Cash flow-predictability: still going strong

**16 November** Kasia Lasak, Aarhus University & CREATES: Testing the rank under different memory

**7 December** Niels Haldrup, Aarhus University & CREATES: Discriminating between true and spurious long memory processes

## 2009

**20 January** Leonidas Tsiaras, CREATES: The Forecast Performance of Competing Implied Volatility Measures: The Case of Individual Stocks

**3 February** José Fajardo, Ibmecc Business School, Rio de Janeiro: Symmetry and Option Price Monotonicity with Levy Processes

**10 February** Robinson Kruse, CREATES: Optimized significance levels for unit root pre-tests and forecast model selection

**24 February** Luitgard Veraart, University of Karlsruhe: A stochastic volatility alternative to SABR

**3 March** Frank Nielsen, CREATES: A dynamic long memory bivariate mixture model

**17 March** Torben Rasmussen, CREATES: Jump Testing and the Speed of Market Adjustment

**31 March** Stefan Holst Bache, CREATES: Quantile Regression and Panel Data with Applications

**21 April** Charlotte Christiansen, CREATES: The Time-Varying Systematic Risk of Carry Trade Strategies

**28 April** Valeri Voev, CREATES: Least Squares Inference on Integrated Volatility, Covariance and the Relationship between Prices and Noise

**5 May** Ganeshkumar Munnorcode, Stockholm School of Economics: "Misspecification testing for STAR models under conditional heteroscedasticity

**19 May** Rickard Sandberg, Stockholm School of Economics: Test for Unit roots versus Smooth Adjustments in U.S. Macroeconomic Data

**26 May** Cristina Amado, Stockholm School of Economics/University of Minho: A Smooth Transition Approach to Modelling Diurnal Variation in Models of Autoregressive Conditional Duration

**9 June** Thomas Quistgaard Pedersen, CREATES: The dividend-price ratio does predict long-horizon dividend growth outside US: Evidence from three European stock markets

**8 September** Almut Veraart, CREATES: The concept of stochastic leverage

**22 September** Carsten Tanggaard, CREATES: Effects of market making on traded prices and bid-ask spreads

**6 October** Timo Teräsvirta, CREATES: Forecasting inflation with gradual regime shifts and exogenous information

**20 October** Gilles Teyssiere, University of Paris: Wavelet Analysis of High Frequency Financial Data

**27 October** Olaf Posch, CREATES: Asset prices in a neoclassical production economy

**10 November** Kajetan Zwiaglmaier, Technische Universität München: Causes of Seasonality in Economic Time Series – The Case of Timber Prices

**11 November** Valeri Voev, CREATES: On economic evaluation of volatility forecasts

**8 December** Johannes Tang Kristensen, CREATES: Macroeconomic Forecasting using Robustified Diffusion Indexes

**15 December** Frank Nielsen, CREATES: A dynamic long memory bivariate mixture model

## **2008**

**15 January**, Olaf Posch "Explaining Volatility: The Case of Taxation"

**22 January**, Mark Podolskij "New Test for Jumps in Semimartingale Models"

**29 January**, Thomas Quistgaard Pedersen "Return Predictability and Intertemporal Asset Allocation: Evidence from a Bias-adjusted VAR Model"

**12 February**, Almut Veraart "Inference for the Jump Part of Quadratic Variation of Itô Semimartingales"

**19 February**, Matt Dziubinski and Anders Kock "The Smooth Transition Autoregressive Target Zone Model"

**26 February**, Tomoaki Nakatani "Positivity Constraints on the Conditional Variances in the Family of Conditional Correlation GARCH Models"

**4 March**, Jie Zhu "FIEGARCH-M and International Crisis: A Cross-Country Analysis"



**11 March**, Leonidas Tsiaras "Extracting Information about Future Exchange Rate Comovements from Currency Options"

**18 March**, Katarzyna Lasak "On Fractional Cointegration"

**8 April**, Torben Rasmussen "A Study of Tests for Jumps in High Frequency Data with Noise"

**15 April**, Lasse Bork "An Affine Macro-Finance Model of the Yield Curve with Dynamic Macro Factors"

**22 April**, Martin Andreasen "DSGE Models, the Central Difference Kalman Filter, and a New Particle Filter"

**6 May**, Rickard Sandberg "Critical Values for Linearity Tests in Nonlinear Dynamic Models When Data are Highly Persistent"

**13 May**, Ganeshkumar Munnordoce "Modelling with STAR-STGARCH Models"

**4 June**, Valeri Voev "Forecasting Multivariate Volatility: An Economic Evaluation Perspective"

**10 June**, Stig Vinther Møller "Habit Formation, Surplus Consumption and Return Predictability: International Evidence"

**17 June**, Cristina Amado "Conditional Correlation Models of Autoregressive Conditional Heteroskedasticity with Nonstationary GARCH equations"

**26 August**, Giuseppe Cavaliere "Unit Root and Cointegration Tests for Bounded Variables"

**16 September**, Michel van der Wel "Are Market Makers Liquidity Suppliers?"

**23 September**, Charlotte Christiansen "Mean Reversion in US and International Short Rates"

**30 September**, Lars Stentoft "Discrete-Time or Continuous-Time Option Valuation Models: A Comparison"

**7 October**, Robin Kruse "Unit roots and smooth transitions: either, neither or both?"

**4 November**, Olaf Posch "Risk premia in general equilibrium"

**26 November**, Anders Kock "Forecasting with Universal Approximators and Learning Algorithms"

**9 December**, Paolo Santucci "A No Arbitrage Fractional Cointegration Analysis Of The Range Based Volatility"

**16 December**, Lars Stentoft "Bayesian Option Pricing using Mixed normal Heteroskedasticity Models"

## **2007**

**2 May** Christian M. Dahl, CREATES: Asymptotic normality of the QMLE of stationary and nonstationary GARCH with serially dependent innovations

**9 May** Toke L. Hjortshøj, CREATES: Risk shifting, Debt Governance and Managerial Incentives

**30 May** Helle Bunzel, Iowa State University and CREATES: Testing for Breaks using Alternating Observations (with E.M. Iglesias)

**13 June** Mark Podolskij, Ruhr Universität, Bochum, and CREATES: Estimation of Volatility Functionals in the Simultaneous Presence of Microstructure noise and jumps

- 29 June** Søren Johansen, University of Copenhagen and CREATES: Likelihood Inference for a Nonstationary Fractional Autoregressive Model
- 29 June** Katarzyna Lasak, Universidad Carlos III de Madrid and CREATES: Maximum Likelihood Estimation of Fractionally Integrated Systems
- 2 July** Morten Ø. Nielsen, Cornell University and CREATES: Nonparametric Cointegration Analysis of Fractional Systems with Unknown Integration Orders
- 3 July** Frank S. Nielsen, CREATES: Regime Switching and Long Memory in Electricity Prices
- 4 July** Michael Jansson, UC Berkeley and CREATES: Optimal Inference for Instrumental Variables Regression with non-Gaussian Errors
- 4 July** Timo Teräsvirta, CREATES: Modelling Conditional and Unconditional Heteroscedasticity with Smoothly Time-Varying Structure
- 13 September** Olaf Posch, CREATES: Jump-Diffusion Estimation in Macroeconomics
- 11 October** Katarzyna Lasak, CREATES: Fractional Cointegration Rank Estimation
- 19 December** Peter Reinhard Hansen, Stanford University and CREATES: In-Sample Out-of-Sample Fit: Their Joint Distribution and Its Implications for Model Selection