PROGRAM OF THE 2010 NBER-NSF TIME SERIES CONFERENCE

DUKE UNIVERSITY, OCTOBER 8-9, 2010

Room 139, Social Sciences Building

Friday October 8, 2010

12:00-1:00        Lunch and Registration

1:00-1:10        Opening Remarks

1:10-2:40        Session 1

Chair: Jerry Reiter

- Osnat Stramer; U. of Iowa: Bayesian Inference for Irreducible Diffusion Processes Using the Pseudo-Marginal Approach
- Mike West; Duke University: Recent developments in Bayesian modeling of covariance matrices
- Hedibert Lopes; U. of Chicago: Particle Learning and Smoothing

2:40-4:00        Coffee Break And Poster Session 1

- Beth Andrews; Northwestern University: Rank-Based Estimation for GARCH Processes
- Alexander Aue; University of California, Davis: Segmenting mean-nonstationary time series via trending regressions
- Bruno Feunou; Duke University: When Monetary Policy Reaches the Floor: Theory and Applications
Kirstin Hubrich; European Central Bank: Forecasting inflation with gradual regime shifts and exogenous information

Asger Lunde; Aarhus University: Estimating the Persistence and the Autocorrelation Function of a Time Series that is Measured with Error

Sebastiano Manzan, Baruch College: Are macroeconomic variables useful for forecasting the distribution of U.S. inflation?

Tucker McElroy; U.S. Census Bureau: Multi-Step Ahead Estimation of Time Series Models

Christopher F.H. Nam; University of Warwick: Exact distributions and Sequential Monte Carlo for Change Point Analysis

Fulvio Pegoraro; Banque de France and CREST: No-arbitrage near-cointegrated VAR(p) term structure Models, term premia and GDP growth

Zhongjun Qu; Boston University: Estimating Structural Changes in Regression Quantiles

Tatevik Sekhposyan, UNC Chapel Hill: Understanding Models' Forecasting Performance

Haipeng Shen; UNC Chapel Hill: On Modeling and Forecasting Time Series of Smooth Curves

Thomas M. Trimbur; Federal Reserve Board: Seasonal Heteroskedasticity in Time Series Data: Modeling, Estimation, and Testing

Filip Zikes; Imperial College Business School: Tailing tail risk in the hedge fund industry

4:00-5:30 Session 2

Chair: Barbara Rossi

James H Stock; Harvard University: Estimating Business Cycle Turning Points Using Large Data Sets

Elena Andreou; University of Cyprus: Should macroeconomic forecasters use daily financial data and how?

Jonathan H. Wright; Johns Hopkins University: Reverse Regressions and Long-Horizon Forecasting

5:30-6:00 Coffee Break
6:15-7:15  **Organ Recital at Duke University Chapel**

Prof. Robert Parkins, University Organist

7:45  Conference Dinner

Saturday, October 9, 2010

8:00-8:30  Breakfast

8:30-10:00  Session 3

Chair: Andrew Patton

- Viktor Todorov; Kellogg, Northwestern University: Estimation of jump tails
- Marine Carrasco, University of Montreal: Optimal Portfolio Selection using Regularization
- Nour Meddahi; Toulouse School of Economics: Many Small Jumps or Fat Tails? The Near Jump-Diffusion Paradigm

10:00-10:30  Coffee Break

10:30-12:30  Session 4

Chair: Atsushi Inoue

- Ulrich Mueller; Princeton University: Pre and Post Break Parameter Inference
• **Ignacio N. Lobato;** Instituto Tecnológico Autónomo de México: [Automatic Diagnostic Checking For Vector Autoregressions](#)
• **Bill Dupor;** Ohio State University: [Handling Non-Invertibility: Theory and Applications](#)
• **Xu Cheng;** University of Pennsylvania: [Estimation and Inference with Weak Identification](#)

12:30-1:45  **Lunch And Poster Session 2**

• **Bertille Antoine;** Simon Fraser University: [Specification test for strong identification](#)
• **Francesco Bianchi,** Duke University: [Regime Switches, Agents' Beliefs, and Post-World War II U.S. Macroeconomic Dynamic](#)
• **Zongwu Cai;** UNC Charlotte: [Instability of Predictability of Asset Returns](#)
• **Xilong Chen;** SAS Institute Inc.: [The HYBRID GARCH Class of Models](#)
• **Jesus Gonzalo;** U. Carlos III de Madrid: [Summability of Stochastic Processes (A Generalization of Integration and Co-Integration valid for Non-linear Processes)](#)
• **Nikolay Gospodinov;** Concordia University: [On the Hansen-Jagannathan Distance with a No-Arbitrage Constraint](#)
• **Zhengfeng Guo;** Vanderbilt U.: [Consistent cotrending rank selection when both stochastic and nonlinear deterministic trends are present](#)
• **Cosmin Ilut;** Duke University: [Evidence for Relational Contracts in Sovereign Bank Lending](#)
• **Robert C. Jung;** Universitaet Erfurt: [Convolution-closed models for count time series with applications](#)
• **Stefan Klößner;** Saarland University: [Grasping Economic Jumps by Sparse Sampling Using Intradaily Highs and Lows](#)
• **Malte Knüppel;** Deutsche Bundesbank: [Empirical Simultaneous Confidence Regions for Path-Forecasts](#)
• **Alessandro Palandri;** University of Warwick: [Beatlestrap](#)
• **Denis Pelletier;** North Carolina State University: [Statistic-Based Bayesian Inference in Latent Variable Models](#)
• **Ernst Schaumburg;** Federal Reserve Bank of NY: [Integrated Quarticity Estimation: Theory and Practical Implementation](#)
• **Tara M. Sinclair;** George Washington University: [How Well Does “Core” CPI Capture Permanent Price Changes?](#)
• **Wei Xie;** University of Southern California: [A Nonparametric Additive Model for Stock Returns with Near-Integrated Predictors](#)
1:45-3:15  Session 5

Chair: Richard Davis

- Aaron Smith; UC Davis: Identifying Informed Traders in Futures Markets
- Eric Renault; UNC Chapel Hill: Generalized Method of Moments with Tail Trimming
- S.J. Koopman; Vrije U. and Tinbergen: The estimation of time-varying parameters in multivariate linear time series models

3:15-3:30  Coffee Break

3:30-5:00  Session 6

Chair: James Stock

- G Tunnicliffe Wilson; Lancaster University: Atmospheric CO2 and global temperatures: the strength and nature of their dependence.
- David S. Matteson; Cornell University: Forecasting Emergency Medical Service Call Arrival Rates
- Liudas Giraitis; Queen Mary College: Some asymptotic distribution theory for sums of weighted periodograms

5:00  Adjourn

Sunday October 10

For those remaining over on Saturday night, there will be an art museum guided tour and brunch on Sunday around noon. Brunch (individual selection, approximately $15-20) and guided tour (approximately $9) are paid by each participant. There is a minimum number of participants required for the tour so please sign up on the registration form to reserve a slot.