PROGRAM OF THE 2010 NBER-NSF TIME SERIES CONFERENCE

DUKE UNIVERSITY, OCTOBER 8-9, 2010

Room 139, Social Sciences Bulding

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
- Henghsiu Tsai; Academia Sinica: Inference of Bivariate Long-memory Aggregate Time Series
- 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.