2012 NBER-NSF Time Series Conference Program

Department of Statistics, Texas A&M University ♦ Hilton Hotel & Conference Center
October 26-27, 2012

Friday, October 26, 2012

12:00-1:00 pm **Buffet Lunch (Mexican) and Registration (Ballrooms 4-7)**

1:00-1:20 pm **Welcome (Ballrooms 1-3)**
Mohsen Pourahmadi, Chair Organizing Committee
Simon Sheather, Professor & Head of Statistics
H. Joseph Newton, Dean, College of Science

1:20-2:50 pm **Session I (Ballrooms 1-3)**
Chair: Emanuel Parzen, Texas A&M University (Statistics)

Mark Watson, Princeton University
"Inference in Structural VARs with External and Internal Instruments"

Cliff Hurvich, New York University
"Drift in Transaction-Level Asset Price Models"

David Matteson, Cornell University
"A Nonparametric Approach for Multiple Change Point Analysis of Multivariate Data"

2:50-4:00 pm **Break & Poster Session I (Ballrooms 4-7)**

1 Geert Mesters (Amsterdam) "Inference for Stochastic Dynamic Factor Models"	8 Gianni Amisano (European Central Bank, Frankfurt) "Prediction Using Several Macroeconomic Models"
2 Hwan-sik Choi (Purdue University) "An Asymptotic Analysis of Likelihood-Based Diffusion Model Selection Using High Frequency Data"	9 Scott Holan (University of Missouri-Columbia) "An Approach for Identifying and Predicting Economic Recessions in Real-Time Using Time-Frequency Functional Models"
3 Xanthi Pedeli (University of Cyprus) "Multivariate Integer Autoregressive Models with Explanatory Variables"	10 David Findley (U.S. Census Bureau) "Uncorrelatedness and Other Options for Differenced Seasonal Decomposition Components of Seasonal ARIMA Model Decompositions"
4 Wayne Woodward (Southern Methodist University) "Using Factor Tables in ARMA Spectral Estimators"	11 Deep Mukhopadhyay (Texas A&M University) "Nonlinear Time series Modeling, LP Component Spectral Analysis"
5 Kai Zhang (Michigan State University) "Forecasting for Periodic ARMA Models"	12 Kun Ho Kim (Hanyang University) "Parametric Specification Test for Diffusion Processes"
6 Yong Bao (Purdue University) "Exact Distribution of Mean Reversion Estimator in Linear Diffusion Models"	13 Tucker McElroy (U.S. Census Bureau) "Multi-Step Ahead Forecasting of Vector Time Series"
7 Priya Kohli (Texas A&M University) "Long Range Dependent Random Fields"	

4:00-5:30 pm **Session II (Ballrooms 1-3)**
Chair: Willa Chen, Texas A&M University (Statistics)

Dobrislav Dobrev, Federal Reserve Board
"Robust Forecasting by Regularization"

Atsushi Inoue, North Carolina State University
"Consistent Model Selection Over Rolling Windows"

Robert Krafty, University of Pittsburgh
"Functional Mixed Effects Spectral Analysis"

6:00-9:00 pm **Reception and Conference Dinner (Ballrooms 4-7)**

Saturday, October 27, 2012

8:00-8:30 am **Continental Breakfast (Foyer Brazos Amphitheatre)**

8:30-10:00 am **Session III (Brazos Amphitheatre)**
Chair: Qi Li, Texas A&M University (Economics)

Timo Terasvirta, CREATES, Aarhus University
"Modelling Changes in the Unconditional Variance of Long Stock Return Series"

Paolo Zaffaroni, Imperial University
"One-Sided Representations of Generalized Dynamic Factor Models"

Guillaume Chevillon, ESSEC & CREST, Paris
"Learning Can Generate Long Memory"

10:00-10:15 am **Break**

10:15-11:45 am **Session IV**
Chair: Ke-Li Xu, Texas A&M University (Economics)

Gloria Gonzalez-Rivera, University of California, Riverside
"Evaluation of Multivariate Count Models Trading Activity in U.S. Large Banks"

Eric Ghysels, University of North Carolina
"Macroeconomics and the Reality of Mixed Frequency Data"

Denis Pelletier, North Carolina State University
"Joint Modeling of High-Frequency Price and Duration Data"

11:45-12:45 pm **Lunch (Mockingbird)**

12:45-2:00 pm **Poster Session II (Mockingbird)**

1 Marcelo Medeiros (Pontifical Cath. Univ., Rio de Janeiro) "Estimating High-Dimensional Time Series Models"	8 Rolando Pelaez (University of Houston-Downtown) "A Recession-and-State Forecasting Model"
2 Sarah Zubairy (Bank of Canada) "Regional Analysis of the Effects of Fiscal Shocks: A Factor-Augmented Vector Autoregressive (FAVAR) Approach"	9 Colin Gallagher (University of Missouri-Kansas City) "New Weighted Portmanteau Statistics for Time Series Goodness-of-Fit Testing"
3 Tobias Kley (Ruhr-Universität Bochum) "Of Copulas, Quantiles, Ranks and Spectra: An L_1- Approach to Spectral Analysis"	10 Yunus Ergemen (Universidad Carlos III de Madrid) "ML Estimation of Fractionally Integrated Panels with Fixed Effects and Cross-Section Dependence"
4 Sebastiano Manzan (Baruch College) "Forecasting the Distribution of Economic Variables in a Data-Rich Environment"	11 Chiara Scotti (Federal Reserve Board) "Surprise and Uncertainty Indexes: Real-time Aggregation of Real-Activity Macro Surprises"
5 Zack Miller (University of Missouri) "Conditionally Efficient Estimation of Long-run Relationships Using Mixed-Frequency Time Series"	12 Peter Zadrozny (Bureau of Labor Statistics) "A Cholesky-Factor Regularization Method for Estimating a Varma Volatility Model for Single- or Multi-Frequency Data"
6 Laurent A.F. Callot (Aarhus University / Creates) "Oracle Inequalities for High Dimensional Vector Autoregressions"	13 Jason Hur (Louisiana Tech University) "The Traditional Form of the Market Model as a Nested Model of An Error Correction Model with an Application to Size Portfolios"
7 Christopher Dienes (University of California) "On-line Monitoring of Pollution Concentrations with Autoregressive Moving Average Time Series"	14 Debkumar De (Texas A&M University) "Estimating Parameter Using Stochastic Approximation in Ensemble Kalman Filter"

2:00-3:30 pm	**Session V** **Chair: Suhasini Subba-Rao, Texas A&M University (Statistics)** Viktor Todorov, Northwestern University “Parametric Inference and Dynamic State Recovery from Option Panels” Aaron Smith, University of California, Davis “Comparing the Bias of Dynamic Panel Estimators in Multilevel Panels: Individual Versus Grouped Data” Maximilien Kaffo, CIREQ and University of Montreal “Bootstrap Inference for Linear Dynamic Panel Data Models with Fixed Effects”
3:30-3:45 pm	**Break**
3:45-5:00 pm	**Session VI** **Chair: Ruey Tsay, University of Chicago** Lorenzo Camponovo, University of St. Gallen “Differencing Transformations and Robust Inference in Predictive Regression Models” Dennis Kristensen, University College London “Asymptotic Theory for the QMLE in GARCH-X Models with Stationary and Non-Stationary Covariates” Liudas Giraitis, University of London “Automatic Studentization in Nonparametric Regression”
5:00 pm	**Final Remarks/Adjourn**