ESOBE — European Seminar on Bayesian Econometrics

1-2 September 2023, University of Glasgow UK

Scientific Programme

Friday 1 September 2023

8:30   Registration and coffee

Keynote Speech I

9:00   **Anna Simoni** (CREST, CNRS)
Regression Under Endogeneity: Bernstein-von Mises Theory and Bayes Factors Testing

Senior Bayesian Speech I

10:00   **Michael Smith** (Melbourne Business School)
Deep Distributional Time Series Models and the Probabilistic Forecasting of Intraday Electricity Prices

10:30   Coffee Break

Contributed Session I

11:00   **David Kohns** (Aalto University)
Flexible Bayesian MIDAS: time-variation, group-shrinkage and sparsity

11:30   **Tomasz Wozniak** (University of Melbourne)
Partial Identification of Heteroskedastic Structural VARs Theory and Bayesian Inference

12:00   **Gregor Kastner** (Universität Klagenfurt)
Time-varying Risk Premia and Volatility Dynamics in Multi-Asset Class Returns

12:30   **Michele Piffer** (King's College London)
Flexible prior beliefs on impulse responses in Bayesian vector autoregressive models

13:00   Lunch & Poster Session

Poster Session I

Rainer Alexander Schüssler (Universität Rostock)
Forecasting Macroeconomic Tail Risk in Real Time: Do Textual Data Add Value?

Andres Ramirez Hassan (Universidad EAFIT)
Efficiently Testing Model Specification in Approximate Bayesian Computation Using Asymptotic Properties

Michel Lubrano (Aix-Marseille School of Economics)
Bayesian correction for missing rich using a Pareto II tail with unknown threshold Combining EU-SILC and WID data

Yiyong Luo (University College London)
Bayesian Inference of Vector Autoregressions with Tensor Decompositions

Niko Hauzenberger (University of Strathclyde)
Nonparametric tools for mixed-frequency data

Łukasz Kwiatkowski (Krakow University of Economics)
Identification of structural shocks in Bayesian VEC models with two-state Markov-switching heteroskedasticity

Enrico Wegner (Maastricht University)
Transmission Mechanisms, Mediation Analysis, and Causal Graphs in SVARs

14:30   **Jim Griffin** (University College London)
Bayesian nonparametric approaches to time series modelling

Senior Bayesian Speech II

15:30   **William McCausland** (Université de Montréal)
Joint sampling of states and parameters in state space models

16:00   Coffee Break

Contributed Session II

16:30   **Sune Karlsson** (Örebro University)
Does Money Growth Predict Inflation

17:00   **Matteo Iacopini** (Queen Mary University of London)
Bayesian Tensor Quantile Regression

17:30   **Seyma Vahap** (University of Strathclyde)
Bayesian dynamic graphical models for high-dimensional vector autoregressions with time-varying parameters and volatility discounting

18:00   First day concludes

19:00   Dinner in Kelvin Gallery (University Main Building)

Saturday 2 September 2023

8:30   Coffee

Keynote Speech III

9:00   **Carlos Carvalho** (University of Texas at Austin)
Nonlinearity, Causality and Summarization

Senior Bayesian Speech III

10:00   **Sujit Ghosh** (North Carolina State University)
Nonparametric estimation of multivariate copula using empirical Bayes methods

10:30   Coffee Break

Contributed Session III

11:00   **Santiago Montoya-Blandon** (University of Glasgow)
Bayesian Inference of Network Formation Models with Payoff Externalities

11:30   **Liana Jacobi** (University of Melbourne)
Multi-substance Use, Choice Limitations and Policy Implications

12:00   **Margarita Grushanina** (Vienna University of Economics and Business)
Dynamic Mixture of Finite Mixtures of Factor Analysers with Automatic Inference on the Number of Clusters and Factors

12:30   Lunch and Poster Session

Poster Session II

Tony Chernis (Bank of Canada)
Decision Synthesis in Monetary Policy

María Fernanda Pintado Serrano (Queen Mary University London)
Uncertainty Quantification in Bayesian Reduced-Rank Sparse Regressions

Annika Camehl (Erasmus University Rotterdam)
What do Data Say About Time-Variation in Monetary Policy Shock Identification

Hugo Gobato Souto (HAN University)
Application of Persistent Homology in Forecasting Realized Volatility

Dawid Bernaciak (University College London)
A loss discounting framework for model averaging and selection in time series models

Tao Sun (University of Melbourne)
A Bayesian Factor-Augmented Multi-Product Use Model with Choice Set Endogeneity with an Application to Marijuana Use

Mante Zelvyte-Bernaciak (University College London)
Multiplex Network Hawkes Model for the Assessment of Systemic Risk Propagation

Leopold Ringwald (International Institute for Applied Systems Analysis)
Unusual weather in unusual economic times

Luis Gruber (Universität Klagenfurt)
Dynamic Sparsity in Factor Stochastic Volatility Models

Young Researcher Session

14:00   **Ping Wu** (University of Strathclyde)
Fast, Order-Invariant Bayesian Inference in VARs using the Eigendecomposition of the Error Covariance Matrix

14:25   **Maximilian Schröder** (BI Norwegian Business School)
Mixing it up: A new approach to inflation at risk

14:50   **Tobias Scheckel** (University of Salzburg)
Stochastic Block Network Vector Autoregressions

15:15   **Tommaso Tornese** (Queen Mary University London & Bocconi University)
Bayesian Inference for Heteroskedastic Proxy-SVARs

15:40   **Panel discussion**

16:15   Conference concludes