Canadian Econometric Study Group 2007 conference

McGill University, Montreal

Preliminary Program

Institutional sponsors:

Centre Interuniversitaire de recherche en économie quantitative (CIREQ)
Department of Economics and Faculty of Arts, McGill University
Journal of Applied Econometrics
Social Sciences and Humanities Research Council of Canada

Session 1: Saturday 9:00 – 10:30
Semiparametric and nonparametric alternatives

Chair: Douglas Hodgson (UQAM)

- Gregory Connor, Matthias Hagman and **Oliver Linton (LSE):** Efficient semi-parametric estimation of the Fama-French model and extensions
- Discussant: Jean-Marie Dufour

- **Vadim Marmer (UBC)** and Artyoum Shneyerov: Quantile-based nonparametric inference for first-price auctions
- Discussant: Christian Gourieroux

Break 10:30 – 10:45

Session 2: Saturday 10:45 – 12:15
Inference

Chair: Gordon Fisher (Concordia)

- **Chu Ba (Warwick, Carleton)** and Mark Salmon: Testing conditional distributional assumptions: An L-moments approach
- Discussant: Joann Jasiak

- **Pascal Lavergne (Simon Fraser):** Confirmation of parametric hypotheses
- Discussant: Lynda Khalaf

Lunch 12:15 – 1:45

Session 3: Saturday 1:45 – 3:15
Estimation

Chair: Hiroyuki Kasahara (Western)

- **David Tomás Jacho-Chávez (Indiana):** Optimal bandwidth choice for estimation of inverse conditional-density-weighted expectations
- Discussant: Yulia Kotlyarova
- **Martin Burda (Pittsburgh, Toronto)** Sieve-based Empirical Likelihood under semiparametric conditional moment restrictions
- Discussant: Nikolay Gospodinov

Break 3:15 – 3:30

Session 4: Saturday 3:30 – 5:00
Model identification

Chair: Jean-François Lamarche (Brock)

- **Chuan Goh (Toronto):** Minimax detection of structural change using large deviations
- Discussant: Shinichi Sakata
- **Katsumi Shimotsu (Queen's):** Nonparametric Identification of Finite Mixture Models of Dynamic Discrete Choices
- Discussant: Luke Hong

Poster session 5:00 – 6:30 (outside conference room)
A list of poster presentations is on the next page.

Conference dinner, 7:00– Café des Beaux Arts, 1384 Sherbrooke St. W. (walk out of the hotel, turn left, walk straight along Sherbrooke Street on the same side for about five minutes).

Poster session

- **Taoufik Bouezmarni and Jeroen Rombouts (HEC Montréal)** "Semiparametric multivariate density estimation for positive data"
- **Nikolay Gospodinov (Concordia, with T. Otsu, Yale)** "Semiparametric estimation of time series models with conditional moment restrictions"
- **Emma Iglesias (Michigan State, with C.M.Dahl, Purdue)** "The limiting properties of the QMLE in a general class of asymmetric volatility models"
- **Sangsoo Park (with Yanqin Fan, Vanderbilt)** "Statistical inference on sharp bounds on the quantile of the treatment effect"
- **Yu Ren (Queen's)** "Estimation of state-price densities in interest rate options"
- **Paul Rilstone (York)** "Who's to blame? A structural analysis of income dynamics and marriage durations"
- **Shinichi Sakata (UBC)** "Testing parameter constancy across many groups"
- **Brennan Thompson (U of Guelph)** "Nonparametric estimates of poverty measures"
- **Simon van Norden (HEC Montréal, with J. Jacobs, Groningen)** "Modeling data revisions: measurement error and dynamics of the 'true' values"
- **Marcel Voia (Carleton, with K. P. Huynh, Indiana))** "Parametric versus nonparametric unobserved heterogeneity for proportional hazard models: an application to entrant firms in Canadian manufacturing"
- **Linlan Xiao (UWO)** "Estimation of stochastic volatility models using realized volatility"
- **Dinghai Xu (UWO)** "Value at risk for stochastic volatility model under bivariate mixtures of normal distributions"
- **Ke-Li Xu (Yale)** "Empirical likelihood-based inference for nonlinear diffusions"
- **Pai Xu (UBC)** "Estimation of the truncated density function at its unknown truncation point with application to estimation of the entry cost in first-price auctions"

Session 5: Sunday 9:00 – 10:30
Semiparametric conditional variance

Chair: Angelo Melino (Toronto)

· Mark Jensen and **John Maheu (Toronto):** Bayesian semiparametric stochastic volatility and GARCH modeling
· Discussant: Thanasis Stengos

· Xiangdong Long, Liangjun Su and **Aman Ullah (UC Riverside):** Estimation of dynamic conditional covariance: a semiparametric multivariate model
· Discussant: Benoit Perron

Break 10:30 – 10:45

Session 6: Sunday 10:45 – 12:15
Time series

Chair: James MacKinnon (Queen's)

· **Yanqin Fan (Vanderbilt)** and **Ramazan Gençay (Simon Fraser):** Unit root and cointegration tests with wavelets
· Discussant: Russell Davidson

· Soren Johansen (Copenhagen) and **Morten Nielsen (Cornell):** Likelihood inference for a fractional autoregressive model
· Discussant: Marc Henry

Lunch 12:15 – 1:15

Session 7: Sunday 1:15 – 2:45
Cross-sectional models

Chair: Artem Prokhorov (Concordia)

· **Martijn van Hasselt (UWO):** Bayesian inference in the sample selection and two-part models
· Discussant: Bill McCausland

· **Jeff Racine (McMaster)** and Qi Li (Texas A&M): Nonparametric varying coefficient multilevel models
· Discussant: Taoufik Bouezmarni