Canadian Econometric Study Group 2007 conference
McGill University, Montreal

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

Friday 28 September 5:30 –
Welcome reception
Mezzanine Bar, Hotel le Cantlie

Saturday 29 September 7:30 – 9:00 am
Breakfast in Mezzanine AB
Registration begins at 8:00 am

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

Chair: Douglas Hodgson (UQAM)

· Gregory Connor, Matthias Hagman and **Oliver Linton (LSE):** Efficient estimation of a semiparametric characteristic-based factor model of security returns
· Discussant: Jean-Marie Dufour (McGill)

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

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 (York)

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

Lunch 12:15 – 1:45

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

Chair: Hiroyuki Kasahara (Western Ontario)

· **David Tomás Jacho-Chávez (Indiana):** Optimal bandwidth choice for estimation of inverse conditional-density-weighted expectations
· Discussant: Yulia Kotlyarova (Dalhousie)

· **Martin Burda (Pittsburgh, Toronto)** Sieve-based Empirical Likelihood under semiparametric conditional moment restrictions
· Discussant: Nikolay Gospodinov (Concordia)

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 (UBC)

· **Katsumi Shimotsu (Queen's):** Nonparametric Identification of Finite Mixture Models of Dynamic Discrete Choices
· Discussant: Luke Hong (Concordia)

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

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 (Western Ontario)** "Estimation of stochastic volatility models using realized volatility"
- **Dinghai Xu (Waterloo)** "Value at risk for stochastic volatility model under bivariate mixtures of normal distributions"
- **Ke-Li Xu (Yale/Alberta)** "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"

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).

Sunday 30 September 7:30 – 9:00 am
Breakfast in Mezzanine AB

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

Chair: Angelo Melino (Toronto)

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

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

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 (McGill)

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

Lunch 12:15 – 1:15

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

Chair: Artem Prokhorov (Concordia)

· **Martijn van Hasselt (Western Ontario):** Bayesian inference in the sample selection and two-part models
· Discussant: Bill McCausland (U de Montréal)

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