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# COLLOQUE SUR LES DONNÉES FINANCIÈRES À HAUTE FRÉQUENCE

## Hôtel InterContinental Montréal

360, rue St-Antoine ouest, Salon Vieux-Montréal, 2<sup>e</sup> étage

12-13 décembre 2014

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## Programme

### VENDREDI, LE 12 DÉCEMBRE 2014

**8:30-9:00**      **Accueil** (inscription et petit-déjeuner continental)

**9:00-10:00**    **SESSION I – Président : Nour MEDDAHI** (Toulouse School of Economics)

Jean JACOD (Université Paris VI, Pierre et Marie Curie), Viktor Todorov (Kellogg School of Management)

*Efficient Volatility Estimation in the Presence of Infinite Variation Jumps*

Ulrich HOUNYO (University of Oxford)

*Bootstrapping Realized Volatility and Realized Beta under a Local Gaussianity Assumption*

**10:00-10:30**    **Pause**

**10:30-12:00**   **SESSION II – Président : William McCAUSLAND** (Université de Montréal, CIREQ)

Torben ANDERSEN (Kellogg School of Management), Oleg Bondarenko (University of Illinois at Chicago), Pete Kyle (University of Maryland), Anya Obizhaeva (New Economic School, Moscow)

*Invariance in the Trading Patterns of Equity-Index Futures*

Torben Andersen (Kellogg School of Management), Oleg Bondarenko (University of Illinois at Chicago), George TAUCHEN (Duke University), Viktor Todorov (Kellogg School of Management)

*The Fine Structure of Equity-Index Option Dynamics*

Daniela Alifano (Imperial College London), Valentina CORRADI (University of Surrey), Walter Distaso (Imperial College London)

*Robust Portfolio Sorts*

**12:00-13:30**    **Lunch – *Chez Plume*, 1<sup>er</sup> étage**

**13:30-15:00**   **SESSION III – Présidente : Pascale VALÉRY** (HEC Montréal)

Peter Christoffersen (University of Toronto), Kris JACOBS (University of Houston), Ruslan Goyenko (McGill University), Mehdi Karoui (McGill University)

*Illiquidity Premia in the Equity Options Market*

Kevin SHEPPARD (Oxford-Man Institute of Quantitative Finance)

*Detecting Changes in Liquidity*

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**Federico BANDI** (Johns Hopkins Carey Business School)  
*Zeros*

15:00-15:30 Pause

15:30-16:30 SESSION IV – Président :

Ilze Kalnina (Université de Montréal, CIREQ), **Dacheng XIU** (The University of Chicago Booth School of Business)

***Nonparametric Estimation of the Leverage Effect Using Information from Derivatives Markets***

Prosper Dovonon (Concordia University, CIREQ), **Nour MEDDAHI** (Toulouse School of Economics)

***Asymmetric Weak GARCH Models and the Term Structure of News Impact Curves on Volatility and Skewness***

18:00 Cocktail et dîner de conférence (sur invitation seulement)

### **SAMEDI, LE 13 DÉCEMBRE 2014**

8:30-9:00 Accueil (inscription et petit-déjeuner continental)

9:00-10:30 SESSION V – Présidente : **Marine CARRASCO** (Université de Montréal, CIRANO, CIREQ)

**Neil SHEPHARD** (Harvard University)

***Low Latency Financial Data : Continuous Time Analysis of Fleeting Discrete Price Moves***

Valentina Corradi (University of Surrey), **Walter DISTASO** (Imperial College London), Ras Molnar, Anthony Neuberger (University of Warwick)

***Realized Co-Moments***

Yacine Ait-Sahalia (Princeton University), **Ilze KALNINA** (Université de Montréal, CIREQ), Dacheng Xiu (The University of Chicago Booth School of Business)

***The Idiosyncratic Volatility Puzzle : A Reassessment at High Frequency***

10:30-11:00 Pause

11:00-12:30 SESSION VI – Président : **Tim BOLLERSLEV** (Duke University)

**Asger LUNDE** (Aarhus University), Neil Shephard (Harvard University), Kevin Sheppard (Oxford-Man Institute of Quantitative Finance)

***Econometric Analysis of Vast Covariance Matrices Using Composite Realized Kernels***

**Andrew PATTON** (Duke University)

***High Dimension Copula-Based Distributions with Mixed Frequency Data***

**Peter CHRISTOFFERSEN** (University of Toronto), Asger Lunde (Aarhus University), Kasper Vinther Olesen (CREATES, University of Aarhus)

***Factor Structure in Commodity Futures Return and Volatility***

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**12:30-14:00** Lunch – *Chez Plume*, 1er étage

**14:00-15:30** SESSION VII – Président :

**Viktor TODOROV** (Kellogg School of Management)  
***Inference for the Jump Activity Index***

**Jia LI** (Duke University), Viktor Todorov (Kellogg School of Management), George Tauchen (Duke University)  
***Jump Regressions***

**Prosper Dovonon** (Concordia University, CIREQ), Sílvia Gonçalves (Université de Montréal, CIRANO, CIREQ), Ulrich Hounyo (University of Oxford), Nour Meddahi (Toulouse School of Economics)  
***Bootstrapping High-Frequency Jump Tests***

**15:30** Fin

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