



MMF and Centre for Empirical Finance, Brunel University

Workshop on

“Risk Management and High Frequency Data”

May 26, 2010

Hosted by:

Centre for Empirical Finance
Department of Economics and Finance Brunel University
Uxbridge, Middlesex UB8 3PH

With the support of the E&F Seminar Series
and Brunel Business School

Local Organizers:

**Alessandra Canepa, Guglielmo Maria Caporale,
Russ Moro and Antoaneta Serguieva**

This workshop focuses on new developments for modeling financial risk, emphasizing on time series models for high-frequency data.

The aim of the workshop is to bring together experts in Financial Econometrics, Mathematics and Computational Finance, presenting recent developments in risk management and innovative methods for high-frequency data.

PROGRAMME

10:30- 11:00 Arrival and Coffee

Session 1: Chair: Guglielmo Maria Caporale, Brunel University

Keynote Speakers:

11:00-12:00 **Yacine Aït-Sahalia**, Princeton University.
"Modeling Financial Contagion Using Mutually
Exciting Jump Processes"

Discussant: **Ziad Daoud**, London School of
Economics.

12:00-13:00 **Per Mykland**, University of Illinois at Chicago and
University of Oxford.
"The estimation of Leverage Effect with High
Frequency Data"

Discussant: **Walter Distaso**,
Imperial College, London

13:00-14:00 Lunch

Session 2: Chair: Alessandra Canepa, Brunel University

Invited Speakers:

14:00-14:45 **Oliver Linton**, London School of Economics.
"Efficient Estimation of a Multivariate Multiplicative
Volatility Model"

Discussant: **Bonsoo Koo**, London School of Economics

14:45-15:30

Lan Zhang, University of Illinois at Chicago and University of Oxford .
"Estimating covariation: Epps effect, microstructure noise"

Discussant: **Yu-Min Yen**, London School of Economics

15:30-16:00 Coffee Break

Session 3: Chair: **Antoaneta Serguieva**, Brunel University

16:00-16:45

Edward Tsang, University of Essex.
"The Event Calculus on High-Frequency Finance"

Discussant: **Antoaneta Serguieva**, Brunel University

16:45-17:30

Martin Neil, Queen Mary University.
"Using Bayesian networks to model operational risk"

Discussant: **William Marsh**, Queen Mary University

18:30

Conference Dinner

Workshop location: Darwin Room, Hamilton Building, Brunel University, Uxbridge, Middlesex, UB8 3PH UK. For directions see <http://www.brunel.ac.uk/about/where/ux> .

Attendance is free thanks to the financial support of our sponsors. There is a £30 fee for the conference dinner.

Some funds are available to cover travel expenses within the UK.

To register please e-mail to Devinder Saggi by May 15. E-mail address: devinder.saggi@brunel.ac.uk .