

CREATES Volatility Symposium 11-14 August 2008

CREATES is pleased to welcome participants in the 2008 Volatility Symposium.

The idea behind CREATES' symposia is to gather researchers in specialized fields relevant to researchers affiliated with CREATES. The symposia are planned to have a limited number of paper presentations each day (3-4) and hence ample time for informal discussions and exchange of research ideas.

Venue: Auditorium 105, building 1482, in the Nobel Park, University of Aarhus ([map](#)).

Before and after seminars, participants will have office/desk space at CREATES, 2nd floor, buildings 1325 and 1326, in the University Park ([map](#)). Further office information follows.

How to get to the Nobel Park:

Taxi: The address of the Auditorium is Jens Chr. Skous Vej, Building 1482 (ask the hotel reception for help)

Busses: Number 3 towards Trige/Århus Nord
Number 11 towards Vejlbj Vest
Number 14 towards Skejby Sygehus
Number 17 towards Skejby Sygehus

Note that you enter the busses at the back and buy a ticket in the automat. A ticket costs 18 kroner and the automat accepts 20 kroner coins.

Get off at the University (red buildings / 1461 + 1463 on the map) at the intersection of Nordre Ringgade and Randersvej – ask your friendly driver.

Administrative organizer:

Annette Andersen: aandersen@creates.au.dk

Scientific organizers:

Ole Barndorff-Nielsen: oebn@imf.au.dk

Mark Podolskij: mpodolskij@creates.au.dk

Niels Haldrup: nhaldrup@creates.au.dk

**CREATES Volatility Symposium
11-14 August 2008**

Program

Monday, 11 August

10.30-11.00: Registration and coffee in Auditorium 105, building 1482 ([map](#))

Session 1 Chair: Niels Haldrup, CREATES, University of Aarhus

11.00-12.00: George Tauchen, Duke University
Dynamic Return and Volatility Asymmetries

12.00-13.00: Lunch

Session 2 Chair: Mark Podolskij, CREATES, University of Aarhus

13.00-14.00: Viktor Todorov, Kellogg School of Management, Northwestern University
Functional Central Limit Theorems for Power Variation with Application to Activity Estimation

14.15-15.15: Valeri Voev, CREATES, University of Aarhus
Dynamic Modeling and Forecasting of Multivariate Volatility

Tuesday, 12 August

Session 3 Chair: Bent Jesper Christensen, CREATES, University of Aarhus

9.30-10.30: Andrew Patton, University of Oxford
Systematic Risk and High Frequency Information Flows

11.00-12.00: Jean Jacod, Université Pierre et Marie Curie, Paris VI
Testing whether Jumps have Finite or Infinite Activity

12.00-13.00: Lunch

Session 4 Chair: Christian Dahl, CREATES, University of Aarhus

13.00-14.00: Neil Shephard, University of Oxford
Fitting and Testing Vast Dimensional Time-Varying Covariance Models



Symposium Dinner at Norsminde Kro ([link](#))

Bus leaves from CREATES at 17.30

Dinner at 19.00

Return from Norsminde at 22.00 – drop-off at hotels and the University

Wednesday, 13 August

Session 5 **Chair: Timo Teräsvirta, CREATES, University of Aarhus**

9.30-10.30: Peter Reinhard Hansen, Stanford University and CREATES
Multivariate Realized Kernels

11.00-12.00: Asger Lunde, Aarhus School of Business, University of Aarhus, and CREATES
Realized Kernels in Practice

12.00-13.00: Lunch

Session 6 **Chair: Ole Barndorff-Nielsen, CREATES, University of Aarhus**

13.00-14.00: Jan Kallsen, Christian Albrechts Universität zu Kiel
Estimation and Application of Time-Changed Levy Models

14.15-15.15: Nour Meddahi, Imperial College London
Bootstrapping Realized Multivariate Volatility Measures

Thursday, 14 August

Session 7 **Chair: Anders Rahbek, University of Copenhagen and CREATES**

9.30-10.30: Almut Veraart, CREATES, University of Aarhus
Stochastic Volatility, Jumps, and the Leverage Effect

11.00-12.00: Dobrislav Dobrev, Federal Reserve Bank
Duration Based Volatility Estimation

12.00-13.00: Lunch

Session 8 **Chair: Tim Bollerslev, Duke University and CREATES**

13.00-14.00: Torben G. Andersen, Kellogg School of Management, Northwestern University,
and CREATES
Robust Volatility Estimation

Participants

Torben G. Andersen, Kellogg School of Management and CREATES
Ole Barndorff-Nielsen, CREATES
Tim Bollerslev, Duke University and CREATES
Isabel Casas, CREATES
Giuseppe Cavaliere, University of Bologna
Bent Jesper Christensen, CREATES
Charlotte Christiansen, CREATES
Christian M. Dahl, CREATES
Dobrislav Dobrev, Federal Reserve
Matt Dziubinski, CREATES
Niels Haldrup, CREATES
Peter Reinhard Hansen, Stanford University and CREATES
Jean Jacod, Université Pierre et Marie Curie, Paris VI
Jan Kallsen, Christian Albrechts Universität zu Kiel
Anders Kock, CREATES
Christian Bach Kristensen, CREATES
Robinson Kruse, CREATES
Theis Lange, University of Copenhagen and CREATES
Kasia Łasak, CREATES
Asger Lunde, Aarhus School of Business, University of Aarhus and CREATES
Nour Meddahi, Imperial College London
Frank Nielsen, CREATES
Morten Ø. Nielsen, Cornell University and CREATES
Christos Ntantamis, CREATES
Alessandro Palandri, University of Copenhagen and CREATES
Andrew Patton, University of Oxford
Mark Podolskij, CREATES
Olaf Posch, CREATES
Zhenjiang Qin, CREATES
Anders Rahbek, University of Copenhagen and CREATES
Torben Rasmussen, CREATES
Ernst Schaumburg, Kellogg School of Management
Neil Shephard, University of Oxford
Kevin Sheppard, University of Oxford
Lars Stentoft, HEC Montreal and CREATES
Michael Sørensen, University of Aarhus and CREATES
George Tauchen, Duke University
Timo Teräsvirta, CREATES
Viktor Todorov, Kellogg School of Management
Almut Veraart, CREATES
Valeri Voev, CREATES