

4th Long-Memory Symposium CREATES, Aarhus University 28-30 October 2015

Wednesday, October 28, 2015

12:00-13:00 Lunch ([Building 2610 \[S\]](#) – ground floor)

13:00-14:20 **Session I** (Session chair: Niels Haldrup)

- i. Yunus Emre Ergemen
Generalized Efficient Inference on Factor Models with Long-Range Dependence
- ii. Javier Hualde
Fixed bandwidth inference for fractionally integrated processes
with Iacone, F.

14:20-14:50 Coffee break

14:50-15:30 **Session II** (Session chair: Federico Carlini)

- i. Kartarzyna Łasak
Forecasting volatility using long memory dynamics. How effective is the use of a realised measure?
with Jelsma, H.

Joint transportation has been arranged.

16:30-18:00 Guided tour and visit to Moesgaard Museum
(<http://www.moesgaardmuseum.dk/en/>)

18:30 Dinner at Det Gamle Mejeri
(<http://detgamlemejeri.dk/>)

Thursday, October 29, 2015

- 09:00-10:20 **Session III** (Session chair: Markku Lanne)
- i. Søren Johansen
To condition or not to condition
with Nielsen, M. Ø.
 - ii. James Davidson
Strict stationarity, persistence and volatility forecasting in ARCH(∞) processes
with Li, X.
- 10:20-10:50 Coffee break
- 10:50-12:10 **Session IV** (Session chair: Mikkel Bennedsen)
- i. Daniela Osterrieder
Unbalanced Regressions and the Predictive Equation
with Ventosa-Santaulària, D. and Vera-Valdés, J. E.
 - ii. Robinson Kruse
Comparing predictive accuracy under long memory
with Will, M. and Leschinski, C.
- 12:10-13:15 Lunch (Building 2610 [S] – ground floor)
- 13:15-15:15 **Session V** (Session chair: Svend Hylleberg)
- i. Matei Demetrescu
Testing the long memory properties of locally stationary processes
with Rodrigues, P. M. M.
 - ii. Niels Haldrup
Fractional or non-fractional long memory
with Kruse, Y. R.
 - iii. Philipp Sibbertsen
Multivariate Spurious Long Memory and a Robust Local Whittle Estimator
with Leschinski, C.
- 15:15-15:45 Coffee break
- 15:45-17:05 **Session VI** (Session chair: Vladimir Rodríguez-Caballero)
- i. Peter Robinson
Adaptive estimation in multiple time series with independent component errors
with Taylor, L.
 - ii. Robert Taylor
Quasi-Maximum Likelihood Estimation and Bootstrap Inference in Large Fractional Time Series Models with Heteroskedasticity of Unknown Form
with Nielsen, M. Ø. and Cavaliere, G.

Friday, October 30, 2015

09:00-10:20 **Session VII** (Session chair: Ramo Gençay)

- i. Eduardo Vera-Valdés
Long memory and cross-sectional aggregation
with Haldrup, N.
- ii. Guillaume Chevillon
***Long Memory Through Marginalization of Large Systems
and Hidden Cross Section Dependence***
with Laurent, S. and Hecq, A.

10:20-10:50 Coffee break

10:50-12:10 **Session VIII** (Session chair: Daniela Osterrieder)

- i. Carlos Velasco
***Bias-Free Estimation of Fractional Integrated Panel Data
Models***
with Robinson, P. M.
- ii. Richard Baillie
***Impulse Response Coefficients from Multivariate Fractionally
Integrated Processes***
with Kapetanios, G. and Papailias, F.

12:10 Lunch (Building 2632 [L] – 2nd floor – outside room L242)

Participants

(preliminary)

Richard Baillie	Michigan State University and Queen Mary University of London
Mikkel Bennedsen	Aarhus University and CREATES
Federico Carlini	Aarhus University and CREATES
Guillaume Chevillon	ESSEC Business School and CREST
James Davidson	University of Exeter
Matei Demetrescu	Christian-Albrechts-University of Kiel
Gustavo Dias	Aarhus University and CREATES
Yunus Emre Ergemen	Aarhus University and CREATES
Ramo Gençay	Simon Fraser University
Niels Haldrup	Aarhus University and CREATES
Ulrich Hounyo	Aarhus University and CREATES
Javier Hualde	Universidad Pública de Navarra
Svend Hylleberg	Aarhus University and CREATES
Søren Johansen	University of Copenhagen and CREATES
Oskar Knapik	Aarhus University and CREATES
Robinson Kruse	University of Groningen and CREATES
Markku Lanne	University of Helsinki and CREATES
Katarzyna Łasak	VU University Amsterdam and CREATES
Giorgio Mirone	Aarhus University and CREATES
Johan Stax Jakobsen	Aarhus University and CREATES
Solveig Nygaard Sørensen	Aarhus University and CREATES
Daniela Osterrieder	Rutgers Business School and CREATES
Peter Robinson	London School of Economics and Political Science
Vladimir Rodríguez-Caballero	Aarhus University and CREATES
Carsten Rosenskjold	Aarhus University and CREATES
Philipp Sibbertsen	Leibniz University Hannover
Robert Taylor	Essex Business School
Douglas Turatti	Aarhus University and CREATES
Carlos Velasco	Universidad Carlos III de Madrid
J. Eduardo Vera-Valdés	Aarhus University and CREATES
Francesco Violante	Aarhus University and CREATES

Practical details

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Wi-Fi

Network name: AUWLAN (in caps) or EDUROAM

Username: Visitor
Password: CREATES

Local transportation

Bus line 3A (Tilst Vestervej) goes directly to CREATES every 10th minute from the city center. Enter the yellow city busses ("bybus" in Danish) through the rear or middle door and buy your ticket at the ticket machine. The fare for one bus ride to the university is DKK 20 (1-2 zones). Cash only!

Find the bus at Banegårdspladsen and get off the bus at the intersection Viborgvej/Vestre Ringgade. From here you enter the ECON department's buildings and find CREATES in the M-building.

The bus route here:

<http://goo.gl/maps/68UhE>

Taxi

All taxis in Aarhus are metered and most taxis accept major credit cards. Tax and tips are included in the meter price. Taxis can be hired on the street or ordered by phone (no extra charge).

Aarhus Taxa: Tel. +45 89 484848

Approx. price from hotel to CREATES is DKK 100.-

CREATES, building 2628 (M), 3rd floor

<http://www.au.dk/om/organisation/find-au/bygningskort/?b=2628>

Long Memory Symposium, building 2632 (L), 2nd floor

Lunch (Wednesday and Thursday), building 2610 (S), ground floor

Lunch (Friday), building 2632 (L), 2nd floor, outside room L242

