

## Citizenship

Danish

## Education

Cand.scient.oecon (math-econ), Aarhus University (1984).

## Research interests

Financial markets, financial econometrics, market microstructure.

## Other professional interests

Asset management, investments, personal finance and financial consumers.

## Teaching experience

Econometrics, finance, operations research, management science.

## Aarhus University

Academic Council, member, 2012-.

CREATES (Center for Research in Econometric Analysis of Time Series), research fellow, 2007-2017.

Department of Economics and Business, professor of finance, 2011-.

Department of Economics and Business, special coordinator for alumni relations, 2012-.

School of Business, 1984-2010, full professor, 2002 (finance), other positions 1984-2002.

## Capee fmba

Board, member, 2006-2009.

## Euro Edge A/S

Board, member, 2010-.

## Ministry of Business and Growth Denmark

Money and Pension Panel, chairman, 2009-2015.

## Scanrate Financial Systems A/S

Cofounder, 1986.

Partner, 1986-1998.

## Stockrate Asset Management A/S

Board, member, 2008-.

## University of Copenhagen

Centre for Pension Law, Advisory board, member, 2010-.

## University of Oregon

Lundquist College of Business, Department of Finance, research fellow (visiting), 1996, 2004-5.

## Other

Consultancy projects for financial institutions like the European Central Bank, Federation of Danish Investment Associations, OMX Nasdaq Copenhagen and a number of Danish financial institutions.

#### International publications

Pitfalls in VAR based return decompositions: A clarification, 2012. *Journal of Banking and Finance*, 2012 (forthcoming). With Tom Engsted and Thomas Q. Pedersen.

The log-linear return approximation, bubbles, and predictability. *Journal of Financial and Quantitative Analysis*, 2012 (forthcoming). With Tom Engsted and Thomas Q. Pedersen.

Paying for market quality. *Journal of Financial and Quantitative Analysis*, Vol. 44(2), 2009, pp. 1427-1457. With Amber Anand and Dan Weaver.

Local linear density estimation for filtered survival data, With bias correction. *Statistics*, Vol. 43(2), 2009, pp 167-186. With Chris Jones and Jens Perch Nielsen.

Dispersed trading and the prevention of market failure: The case of the Copenhagen Stock Exchange. *European Financial Management*, Vol. 14(2), pp 243-67, 2008. With Dave Porter, Dan Weaver and Wei Yu.

The comovement of US and German bond markets. *International Review of Financial Analysis*, Vol. 16(2), pp 172-182, 2007. With Tom Engsted.

A new daily dividend-adjusted index for the Danish stock market, 1985-2002: Construction, statistical properties, and return predictability. *Research in International Business and Finance* 19, 2005, pp 53-70. With Klaus Belter and Tom Engsted.

Denmark (a chapter on the Danish bond market) in J. A. Batten, T. A. Featherston, and P. Szilagyi (eds.): European fixed income markets: money, bonds and interest derivatives. John Wiley & Sons, 2004. With Charlotte Christiansen, Tom Engsted, and Svend Jakobsen.

An empirical study of the term structure of interest rates in Denmark, 1993-2002 in J. A. Batten, T. A. Featherston, and P. Szilagyi (eds.): European fixed income markets: money, bonds and interest derivatives. John Wiley & Sons, 2004. With Charlotte Christiansen, Tom Engsted, and Svend Jakobsen.

The comovement of US and UK stock markets. *European Financial Management*, 10(4), 2004, pp 593-607. With Tom Engsted.

The relation between asset returns and inflation at short and long horizons. *Journal of International Financial Markets, Institutions & Money*, 12(2), pp 101-118, 2002. With Tom Engsted.

Boundary and bias correction in kernel hazard estimation. *Scandinavian Journal of Statistics*, 28(4), 2001, p. 675-98. With Jens Perch Nielsen.

Yield curve estimation by kernel smoothing methods. *Journal of Econometrics*, 105(1), 2001, p. 185-223. With Oliver Linton, Enno Mammen, and Jens Perch Nielsen.

The Danish stock and bond markets: Comovement, return predictability, and variance decomposition. *Journal of Empirical Finance*, 8(3), 2001, p. 243-71. With Tom Engsted.

Nonparametric smoothing of yield curves. *Review of Quantitative Finance and Accounting*, 9, 1997, pp 251-67.

The predictive power of yield spreads for future interest rates: Evidence from the Danish term structure. *Scandinavian Journal of Economics*, 97, 1995. With Tom Engsted.

A cointegration analysis of Danish zero-coupon yields. *Applied Financial Economics*, 24, 1994. With Tom Engsted.

Cointegration and the US term structure. *Journal of Banking and Finance*, 18, 1994. With Tom Engsted.

Kernel smoothing of discount functions. Symposium in Applied Statistics, UNI•C, 1993.

#### Danish publications

Penge- og Pensionspanelet. *Finans/Invest* 3, 2010, pp. 2-3,9.

Finansiell rådgivning – behov for enkel og effektiv finansaftalelov. *Finans/invest* 5, 2009, pp 2-4. With Anders Grosen.

Finansiell rådgivning – et forbrugerpolitisk rædselskabinet. *Finans/invest* 4, 2009, pp 2-4, 16. With Anders Grosen.

Juristernes og Økonomernes Pensionskasse: Pensionsvalg 2007 – baggrund og resultat. *Finans/Invest* 6, 2008, pp 13-20.

Skovlen under banditterne. Nyhedsbrev for bestyrelser 13, April 2007.

Upstairs, Downstairs. *Finans/Invest* 7, 2006, pp 2-5.

Market microstructure. I Michael Christensen (ed.): *Udviklingslinjer i finansiering*, DJØFs Forlag, 2005.

Bør noterede selskaber betale for markedskvalitet? *Børsfokus* 103, 1. september 2005. With Amber Anand og Dan Weaver.

Fire kongekroner til Folkebørsen. *Finans/Invest* 1, 2005, pp 1-3. With Anders Grosen.

Investeringsforeningernes obligationsafdelinger: effektiv, billig og fordelagtig opsparing? *Finans/Invest* 4, 2003, pp 6-15. With Jesper Lund.

Brev fra en misdæder. *Morgenavisen Jyllandsposten*, 7. februar 2003.

Den rygende pistol? *Aktionæren* 6, 2003, pp1-4.

Et dansk udbyttejusteret aktieindeks: 1985-2000. *Finans/Invest* 2, 2001, pp 5-14. With Klaus Belter.

Hvorfor er børshandel bedst? *Aktionæren* 8, 2001, pp 8-9.

Om aktiehandel, børskvalitet og børspligt. *Finans/Invest* 2, 2001, pp 6-15. En korrektion til tabel 1 er trykt i *Finans/Invest* 3, 2001, p. 27.

Et udbyttejusteret dansk aktieindeks. *Månedens Synspunkt, Københavns Fondsbørs*. 2001, januar. With Klaus Belter.

Investeringservice: Afkastmåling, børskvalitet og rentegarantier. *Finans/Invest* 2, 2001, pp 2-4. With Anders Grosen.

Skyd først og spørg bagefter: Fondsrådet vs. banditterne. *Nordisk Tidsskrift for Selskabsret*, December 2000, pp 256-270. With Jesper Lau Hansen.

Dansk aktiehandel efter et år With Saxess. *Finans/Invest* 4, 2000, pp 2-3.

Et halvt år erfaringer With Saxess, *Månedens Synspunkt, Københavns Fondsbørs*. Januar 2000.

Pionerer eller banditter? *Berlingske Tidende*, 1. september 2000. With Jesper Lau Hansen.

Grønt lys til BG Bank. *Finans/Invest* 6, 2000, pp 2-3. With Anders Grosen.

- Risikopræmien på danske aktier. *Nationaløkonomisk Tidsskrift* 137, 1999. With Tom Engsted.
- Brugte biler, banker og børshandel. *Finans/Invest* 5, 1999, pp 2-5. With Anders Grosen.
- Kan det anbefales at overvægte aktierne i de unge år? *Finans/Invest* 4, 1999, pp 2-4. With Anders Grosen og Tom Engsted.
- Horisontens betydning for den institutionelle opsparing - svar. *Finans/Invest* 3, 1999, pp 16-18. With Tom Engsted og Jens Perch Nielsen.
- Risiko for langsigtet fald i aktiekurserne - svar. 1999. *Finans/Invest* 3, 1999, pp 24-26. With Tom Engsted.
- Risiko for langsigtet fald i aktiekurserne - duplik. *Finans/Invest* 3, 1999, p. 28. With Tom Engsted.
- Horisontens betydning for den institutionelle opsparing. *Finans/Invest* 8, 1998, pp 29-34. With Tom Engsted og Jens Perch Nielsen.
- Nye metoder til måling af nul kuponrenter, *Finans/Invest* 6, 1998, pp 28-30.
- Aktiemarkedet på længere sigt: indikationer på faldende fremtidige kurser. *Finans/Invest* 6, 1998, pp 15-19. With Tom Engsted.
- Rentestruktur og prisdannelse på obligationsmarkedet. *Finans/Invest* 5, 1998, pp 25-30. With Svend Jakobsen. Genoptryk fra 1987.
- Finansielle stokastiske simulations modeller. *Finans/Invest* 3, 1998, pp 28-30.
- Tvivel om Norex. *Aktionæren* 1, 1998, pp 1,4-5.
- Regressionsanalyse. *Finans/Invest* 3, 1997, pp 27-30.
- Kursspænd ved obligationshandel: En sammenligning mellem store og små investorer. *Finans/Invest* 2, 1997, pp 23-27.
- Nye børsetiske regler for obligationshandel. *Finans/Invest* 7, 1997, pp 4-6.
- Faldgruber ved brug af effektiv rente og varighed. *Finans/Invest* 8, 1997, pp 32-35. With Svend Jakobsen. Genoptryk fra 1987.
- Opsparing i Danmark - en anmeldelse af to rapporter. *Finans/Invest* 5, 1997, pp 14-16. With Tom Engsted.
- Nye regler om afregning af aktiehandler. *Aktionæren* 6, 1997.
- Kan omkostninger og risiko retfærdiggøre kursskæring. *Aktionæren* 4, 1997.
- Store handler er mere risikable end små. *Børsen*, 10. april 1997.
- Rentestrukturen på det danske pengemarked. *Nationaløkonomisk Tidsskrift* 133, 1995. With Tom Engsted.
- Den danske rentestruktur og forventningshypotesen: 1976 til 1991. *Finans/Invest* 3, 1993, pp 26-30. With Tom Engsted.
- Optimering af obligationsbeholdninger. *Finans/Invest* 1, 1991, pp 18-21.
- Rentestruktur og prisdannelse på obligationsmarkedet. *Finans/Invest* 3, 1987, pp 14-19. With Svend Jakobsen.

En statistisk model til vurdering af danske obligationer. Symposium i Anvendt Statistik, 1987. With Svend Jakobsen.

Faldgruber i brugen af effektiv rente og varighed. Finans/Invest 2, 1987, pp 10-14. With Svend Jakobsen.

Immunisering - et alternativ til konvertering. Finans/Invest 4, 1986, pp 15-20. With Svend Jakobsen.