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Ukonvoluteret

43

Returneres ved varig adresseændring

Næste nummer af "MEDDELELSER" udkommer 1. december 2008.  
Bidrag skal være redaktøren i hænde senest den 21. november kl. 12.00

# MEDDELELSER

Dansk Selskab for Teoretisk Statistik

## Bemærk:

Todages møde i Dansk Selskab for Teoretisk Statistik  
11. - 12. november 2008, Århus Universitet

Formøde om "Modellering af punktprocesser" Tirsdag den 11. november kl. 9.00-12.30.

Se [www.biostat.au.dk/todages2008](http://www.biostat.au.dk/todages2008)

## Indhold

Foredrag og workshops	3-4
Stillingsopslag	
Statistikere til SIFs Registerforskningsprogram	5
Professor in Actuarial Finance, Department of Mathematical Sciences, University of Copenhagen	6
Kalender og Nyt om Navne	7

## Dansk Selskab for Teoretisk Statistik Bestyrelse 2008

**Formand** [fmd@dsts.dk](mailto:fmd@dsts.dk)

Niels Richard Hansen  
Afd. for Anvendt Matematik og Statistik  
Københavns Universitet  
Tlf: 35 32 07 83

**Næstformand** [nfmd@dsts.dk](mailto:nfmd@dsts.dk)

Erik Parner  
Institute of Public Health  
University of Aarhus  
Tlf: 89 42 61 36

**Kasserer** [kass@dsts.dk](mailto:kass@dsts.dk)

Malene Højhøj  
Novo Nordisk A/S  
Tlf: 30 79 62 09

**Sekretær** [sekr@dsts.dk](mailto:sekr@dsts.dk)

Charlotte Hindsberger  
Novo Nordisk  
Tlf: 44 42 65 92

**Webmaster** [web@dsts.dk](mailto:web@dsts.dk)

Klaus Kane Andersen  
Informatics and Mathematical Modelling,  
Section for Statistics, DTU  
Tlf: 45 25 34 19

**Redaktør** [red@dsts.dk](mailto:red@dsts.dk)

Marc Andersen  
Livjærgsgade 41, 1.tv.  
2100 København Ø  
Tlf: 61 77 72 48

Meddelelser er medlemsblad for  
Dansk Selskab for Teoretisk Statistik (DSTS),  
se <http://www.dsts.dk>.

Selskabets formål er at fremme den statistiske  
videnskab og dens anvendelser.

Indmeldelse og adresseændring i DSTS gøres  
via <http://www.dsts.dk/da/index.html>.

Selskabet har en elektronisk nyhedsliste  
E-Meddelelser, se  
<http://www.dsts.dk/da/index.htm>.

Bidrag og stillingsopslag til Meddelelser  
sendes til redaktøren - [red@dsts.dk](mailto:red@dsts.dk). Bidrag i  
elektronisk form modtages helst i PDF format  
med indlejrede fonte i sidestørrelse A4, egnet  
til sort/hvid tryk i A5 format. Alternativt  
modtages Word, HTML eller ASCII.

Annoncering af stillingsopslag i Meddelelser  
koster kr. 1.000,- pr. side. Opgiv venligst  
faktureringsoplysninger. Indstik til udsendelse  
i konvolut sammen med Meddelelser koster  
kr. 3.000,- pr. standard A4 side for første side  
og 500,- kr per efterfølgende side.

Meddelelser udkommer 9 gange om året, den  
første mandag i måneden undtagen januar, juli  
og august måned.

### Udgivelsesplan for Meddelelser 2008

Nr.	Bidrag senest	Udkommer
1	25. januar	4. februar
2	22. februar	3. marts
3	28. marts	7. april
4	25. april	5. maj
5	23. maj	2. juni
6	22. august	1. september
7	26. september	6. oktober
8	24. oktober	3. november
9	21. november	1. december

DEPARTMENT OF MATHEMATICAL SCIENCES  
UNIVERSITY OF COPENHAGEN



## SEMINAR IN APPLIED MATHEMATICS AND STATISTICS

OCTOBER 24, 2008

Wednesday, November 5, 2008, 15:15, aud. 10, H.C. Ørsted Institute

Speaker: Umut Can, Cornell University

Title: Random rewards and stable self-similar processes

Abstract:

This talk is about random walks collecting heavy-tailed random rewards at visited nodes, and the weak limits under scaling of the resulting reward processes. Such constructions were investigated by H. Kesten and F. Spitzer (1979) and S. Cohen and G. Samorodnitsky (2006), among others. I will present some of the results discovered by these authors and talk about my attempts to generalize them.

UNIVERSITETSPARKEN 5  
DK-2100 COPENHAGEN Ø  
DENMARK

<http://www.math.ku.dk/>

Wednesday, December 3, 2008, 15:15, aud. 10, H.C. Ørsted Institute

Speaker: Allan Gut, Uppsala University

Title: Strong laws and Cesàro summation for random fields

Wednesday, December 10, 2008, 15:15, aud. 10, H.C. Ørsted Institute

Speaker: Bent Jørgensen, University of Southern Denmark

Title: Convergence of Exponentially Tilted Geometric Sums



Department of Mathematical Sciences  
University of Aarhus

## Activities at the Thiele Centre

### Seminars:

**Thursday 6 November 2008**, 13:15, building no. 1531, Koll. D

Thomas Sangild Sørensen, University of Aarhus:

*Real-time non-Cartesian MRI reconstruction on commodity graphics hardware*

#### ABSTRACT:

Moore's law states that the computing power in commodity hardware doubles approximately every two years. Today this trend still holds but only due to emerging many-core architectures. One such platform is graphics hardware that due to dedicated programming languages can be used for general purpose computation. In this talk we will give an overview of the programming language Cuda and the hardware on which it is running. This will be followed by an overview of some of our projects currently utilising Cuda for medical image computing - focussing primarily on a real-time implementation of non-Cartesian MRI reconstruction.

**Thursday 4 December 2008**, 13:15, building no. 1531, Koll. D

Stella David, University of Augsburg:

*Central limit theorems for empirical product densities of stationary point processes*

#### ABSTRACT:

In this talk we investigate kernel-type estimators for product densities and for the pair correlation function for stationary spatial point processes. In the setting of Brillinger-mixing point processes we present central limit theorems for these estimators and for the integrated squared error of the estimators for the second-order product density and the pair correlation function. Based on these central limit theorems we can construct asymptotic goodness-of-fit tests for the distribution of a stationary point process.

## Statistikere til SIFs Registerforskningsprogram

### Stillingsbeskrivelse

Statens Institut for Folkesundhed (SIF) ved Syddansk Universitet (SDU) opslår stilling som statistikere ved instituttets registerforskningsprogram.

Som statistikere kommer du til at indgå i et tværfagligt forskningsprogram bestående af samfundsmedicinere, sociologer, statistikere o.a. Arbejdsopgaverne omfatter bl.a. epidemiologiske/statistiske analyser af danskernes helbred baseret på registerdata, analyser af udviklingen i specifikke sygdomme, herunder analyser af udviklingen i hjertekarsygdomme i Danmark. Desuden forventes du i et vist omfang at virke som konsulent i forbindelse med andre af instituttets projekter.

Der vil være rig mulighed for at vælge emner indenfor registerforskningsprogrammets mange aktiviteter, ligesom der er gode muligheder undervisningsopgaver og for at arbejde med metodeudvikling i relation til registerforskning.

Vi kan tilbyde en arbejdsplads med et godt fagligt miljø, et godt kollegialt samarbejde samt gode fysiske rammer og arbejdsvilkår.

Ansættelsen sker ved instituttets registerforskningsprogram. Som ansøger til stillingen forventes det, at du er uddannet statistikere eller har en beslægtet uddannelse, eller at du har erfaring med registerforskning og statistiske analyser af registerdata. Kendskab til programpakken SAS er en fordel.

### Ansøgning, løn og ansættelsesforhold

#### Løn og ansættelse:

Nærmere oplysninger om stillingen kan fås ved henvendelse til forskningschef Morten Grønbæk eller forskningsleder Henrik Brønnum-Hansen, Statens Institut for Folkesundhed, Syddansk Universitet, tlf. 3920 7777. Morten Grønbæks e-mail: [mg@niph.dk](mailto:mg@niph.dk). Henrik Brønnum-Hansens e-mail: [hbh@niph.dk](mailto:hbh@niph.dk).

Løn og ansættelsesforhold sker i henhold til gældende overenskomst, herunder principperne for ny løn i staten, og stillingsstruktur for videnskabeligt personale ved universiteterne. Tjenestested: København. Tiltrædelse snarest.

SIF opfordrer alle kvalificerede ansøgere til at søge uanset alder, køn, seksualitet, religion eller etnisk tilhørsforhold.

#### Ansøgning:

Ansøgning til stillingen mærkes "Stilling nr. 081075", og sendes til forskningschef Morten Grønbæk, Statens Institut for Folkesundhed, Øster Farimagsgade 5A, 2. sal, 1399 København K. Ansøgningen skal være SIF i hænde senest 10. november 2008 kl. 12.00.

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Statens Institut for Folkesundhed, som fusionerede med Syddansk Universitet den 1. januar 2007, er et nationalt folkesundhedsinstitut lokaliseret i København med nationale forpligtelser og med en fortsat fokusering på de tidligere sektorforskningsopgaver og myndighedsbetjening. For mere information **Statens Institut for Folkesundhed**



## Professorship - Advertisement

**Professor in Actuarial Finance**  
**Department of Mathematical Sciences**  
**University of Copenhagen**

At the **Department of Mathematical Sciences**, University of Copenhagen, a position as professor in Actuarial Finance is open from **1 July 2009 or as soon as possible thereafter**

Qualification requirements: Ph.D. in mathematics or statistics, experience in teaching in insurance mathematics and finance, research at an international top level in insurance mathematics and finance.

Duties may include the successful applicant's own research, development of the field, assessment tasks, grant applications and research management such as supervision and training of research fellows and other staff. The successful applicant must also teach, prepare and participate in examinations, and fulfill other tasks requested by the Department. Information on the Department is linked at [www.nat.ku.dk/institutter](http://www.nat.ku.dk/institutter), and enquiries about the position can be made to **Erik Kjær Pedersen, Head of Department, Department of Mathematical Sciences, Universitetsparken 5, DK-2100 Copenhagen Ø, Denmark, Phone: (+45)3532 0727; E-mail: erik@math.ku.dk.**

Terms of appointment and payment accord to the agreement between the Ministry of Finance and The Danish Confederation of Professional Associations on Academics in the State (<http://www.perst.dk/db/filarkiv/12811/004-06.pdf>). While negotiation for salary supplement is possible, the starting salary is currently DKK 651,933 including annual supplement (+ pension DKK 94,380).

**Applications** must be in English, emailed as a single PDF file to **NAT-FAK@science.ku.dk e-mail (Subject: Your last name, 211-0197)**, and include in the following order:

- Curriculum vitae (including email address and telephone number)
- Description (max. 5 pages) of current and proposed research including its relation to other research at the Department
- Documentation of teaching experience and other qualifications
- Full contact details (Name, address, telephone & email) of 2 professional references
- Complete list of publications with indication of which papers (max. 10) the applicant considers particularly relevant
- Max. 5 of these particularly relevant papers (included, most recent first, in the single file)

The University wishes our scientific staff to reflect the diversity of society and welcomes application from all qualified candidates regardless of personal background.

The deadline for applications is **1 December 2008** at noon, 12:00pm local Danish time. Applications or supplementary material received thereafter will not be considered.

**Assessment of applicants** will primarily consider their level of documented, original scientific production at an international level, including contributions to developments in their field. The teaching, managerial, out-reach, and innovative qualifications of applicants will also be considered. Assessment guidelines, pursuant to revisions, are available in English and Danish. Such guidelines include:

- Applicants will be notified of the composition of the assessment committee.
- Applicants must provide supplementary documentation if requested by the committee.
- Applicants may be summoned for an interview and/or requested to give a trial lecture.
- Each applicant will receive that part of the assessment relating to him/herself.

## Kalender 2008

Date	No.	Aktivitet
5/11	7/08	Institut for Matematisk Fag, Københavns Universitet: Umut Can (Cornell University): <i>Random rewards and stable self-similar processes</i>
6/11	7/08	Thiele Centre, University of Aarhus Thomas Sangild Sørensen, University of Aarhus: <i>Real-time non-Cartesian MRI reconstruction on commodity graphics hardware</i>
11-12 /11	7/08	DSTS, Århus Universitet: <i>2-dages møde</i>
13/11	6/08	Thiele Centre, University of Aarhus. Workshop <i>Population genetics: Statistical methods and applications in human disease, immunology and evolution</i>
3/12	8/08	Institut for Matematisk Fag, Københavns Universitet: Allan Gut, Uppsala University: <i>Strong laws and Cesàro summation for random fields</i>
4/12	8/08	Thiele Centre, University of Aarhus Stella David, University of Augsburg: <i>Central limit theorems for empirical product densities of stationary point processes</i>
10/12	8/08	Institut for Matematisk Fag, Københavns Universitet: Bent Jørgensen, University of Southern Denmark: <i>Convergence of Exponentially Tilted Geometric Sums</i>
26-27/1 2009	7/08	Danmarks Statistik og Syddansk Universitet, Kolding <i>SYMPOSIUM I ANVENDT STATISTIK</i>

No.: Nummer af meddelelser hvor arrangement er annonceret.

## Nyt om navne

Steffen Lauritzen blev i april 2008 valgt til udenlandsk medlem af det Kgl. Danske Videnskabernes Selskab og er den 31. oktober 2008 udnævnt til Æresdoktor ved Aalborg Universitet.