



# XXVII Sandbjerg Symposium, Danish Society for Neuroscience

*Auditory and visual perception*

May 5-7, 2013

Sandbjerg Estate



## **Place.**

Sandbjerg Estate, Sandbjergvej 102, DK-6400 Sønderborg, Denmark, Phone +45 73465200

## **Registration and payment.**

Only 72 participants can be accommodated at Sandbjerg Estate, and the principle "first come - first served" will be applied.

For registration the price for members of DSfN is DKK 3500, non-members. 4000.

The registration includes accommodation at the Manor (two nights from May 5-7, 2013), breakfast, lunch, coffee, dinner, gala dinner on the 6<sup>th</sup> of May, and symposium material.

**Deadline for early registration is March 15<sup>th</sup> 2013.**

**Deadline for late registration is April 1<sup>st</sup> 2013**

## **Organizers.**

The Danish Society for Neuroscience in collaboration with the Grete Lundbeck European Brain Research Foundation and the prize winner(s) from the preceding year.

## **Support**

The Sandbjerg Symposium is kindly supported by the Graduate Programme of Neuroscience, University of Copenhagen



### **Background.**

Once annually Grete Lundbeck European Brain Research Foundation awards The Brain Prize - a € 1 mio. personal prize. The prize is awarded as an important part of the aim of the Foundation.

*– ‘to boost interest in brain research and its results, to stimulate and reward outstanding brain research and to stimulate Danish research through an expanded interplay with other European brain research, and thus to improve the scientific basis for progress in the prevention, diagnostics and treatment of diseases and disorders of the brain and nervous system’.*

Prize recipients are expected to contribute to the advancement and internationalisation of Danish brain research through interaction with Danish researchers and research environments. The Prize 2012 was awarded to Christine Petit and Karen Steel who will attend the meeting and give lectures.

The Danish Society for Neuroscience (DSfN) is a national association of neuroscientists and the society represents Danish neuroscience both nationally and internationally. Since its inauguration in 1984, DSfN has held its annual meetings at Sandbjerg Manor in Southern Denmark, always starting on the first Sunday in May.

Grete Lundbeck European Brain Research Foundation and the Brain Prize winners will collaborate with the Danish Society for Neuroscience in organizing the annual meeting. The meeting is part of the implementation of the planned outreach activities of the Foundation.

### **Annual meeting.**

The annual meeting is open to students, young scientists, PhD students, post. docs and senior researchers that either are Danish neuroscientists or somehow are related to the Danish Neuroscience society.

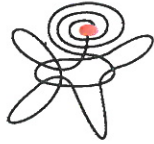
### **Abstracts.**

We strongly encourage participants to submit abstracts (deadline 1/4-2013). Authors of selected abstracts will be invited to give a brief oral presentation.

Abstracts should be submitted before 1/4-2013 to Ida Hageman ([ida.hageman@regionh.dk](mailto:ida.hageman@regionh.dk)) and contain the following information. Title, Name of all authors (presenting author in bold), address including e-mail of presenting author. Text of abstract should be approximately 200 words.

Posterboards are 116 cm (h) x 147 cm (w), landscape format. Pins are available at the meeting. Authors are encouraged to put up their poster upon arrival, and leave it until the end of the meeting.

**Wireless internet.** There will be wireless internet in all buildings during the meeting.



## Program

### Sunday 5 May

13.00 – 14.00      Arrival and registration

14.00 – 14.15      Welcome

#### *Session 1 (Chairman Lisbeth Tranebjærg)*

14.15 – 15.00      Christine Petit, Professor, Institut Pasteur & Professor at College de France  
“How deafness genes enlighten sound processing in the cochlea”

15.00 – 15.45      Karen Steel, Professor, Wolfson Centre for Age-Related Diseases, King's College London  
“What can the mouse tell us about hearing and deafness?”

15.45 – 16.15      Coffee

16.15 – 16.45      Jakob Christensen-Dalsgaard, Associate professor, lic.scient, phd, Center for Sound Communication, Southern Denmark University  
“Neurobiology of directional hearing”

16.45 – 17.15      Jesper Dammeyer, Associate professor, phd, University of Copenhagen  
“Sensory impairment and mental and behavioral disorders – a neuroscience perspective”

17.15 – 17.45      Lisbeth Tranebjærg, MD, DMSci, Professor, BBH, University of Copenhagen  
“Genetics of deaf-blindness - What do we know?”

17.45 – 18.15      Discussion

19.00              Dinner





## Monday 6 May

8.00 - 9.00 Breakfast

### *Session 2 (Chairman Birthe Glenthøj)*

9.00 - 9.30 Birte Glenthøj, Professor, MD, DMSci, CNSR, University Hospital Glostrup  
"Schizophrenia neurochemistry and information processing"

9.30 - 10.00 Bob Oranje, Associate professor, PhD, CNSR, University Hospital Glostrup  
"Electrophysiological anomalies in schizophrenia: *focus on salience and perception*"

10.00 - 10.30 Nikolaj Bak, PhD student, CNSR, University Hospital Glostrup  
"Concurrent fMRI and EEG assessment of Somatosensory Sensory Gating in Schizophrenia Patients"

10.30 - 10.40 Discussion

10.40 - 11.00 Coffee

### *Session 3 (Chairman Ron Kupers)*

11.00 - 11.30 Professor Morten Overgaard, Aalborg and AUH  
"Correlation and explanation between different levels of description in the cognitive neuroscience of visual perception"

11.30 - 12.00 Kristian Sandberg, Post Doc, CNRU, Aarhus University Hospital  
"The stability of the neural correlates of conscious contents. MEG decoding studies"

12.00 - 12.10 Discussion

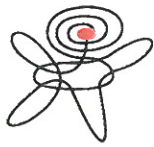
12.10 - 13.00 Lunch



- 13.00 - 13.30 Professor Per Roland, BRAINlab, University of Copenhagen  
“The cortical dynamics underlying visual perception in the normal brain”
- 13.30 - 14.00 Professor Ron Kupers BRAINlab, University of Copenhagen  
“Visual cognition in the blind human brain”
- 14.00 - 14.30 Coffee

*Session 4*  
*(Chairman Peter Vuust)*

- 14.30 - 15.00 Peter Vuust, Assoc. Professor, CFIN, Aarhus University & Royal Academy of Music  
“Music in the brain”
- 15.00 – 15.30 Bjørn Petersen, Associate Professor, Post-Doc, PhD (DJM)/Royal Academy of Music  
“Music and cochlear implants”
- 15.30 - 16.00 Anders Dohn, PhD, CFIN, Aarhus University & Royal Academy of Music  
“Behavioral and neuroanatomical correlates of absolute pitch ability”
- 16.00 - 16.30 Line Gebauer, Cand. Psych, (PhD student)  
“Musical pleasure: listen, learn, like”
- 16.30 - 17.00 Maria Witek, MA in music psychology, Oxford University  
“Musical groove and the brain”
- 17.00 - 17.15 Break
- 17.15 - 18.00 Søren Holmgren, Coach, double Olympic gold medalist and blind  
“I see no limitations – do you? ”
- 19.00 - Gala Dinner



## Tuesday 7 May

8.00 – 9.00 Breakfast

### *Session 5 (Chairman Ida Hageman)*

9.00 – 10.00 *Oral Communications (15-20minutes each)*

10.00 – 10.30 Coffee

### *Session 6 (Chairman Søren Kyllingsbæk)*

10.30 – 11.00 Søren Kyllingsbæk, Associate Professor, Dept. of Psychology,  
University of Copenhagen  
“Modeling perceptual decisions”

11.00 – 11.30 Signe Vangkilde, Cand.psych., PhD, Department of Psychology,  
University of Copenhagen  
“Arousal and visual processing speed”

11.30 – 11.50 Discussion

11.50 – 12.00 Closure of meeting

12.00 – 13.00 Lunch

13.00 Departure



## Registration Form

**Sandbjerg Symposium,  
5-7 May, 2013**

Name. \_\_\_\_\_

Title. \_\_\_\_\_

Institution/Department. \_\_\_\_\_

Mailing address. \_\_\_\_\_

Town. \_\_\_\_\_ Postcode. \_\_\_\_\_ Country \_\_\_\_\_

Phone. \_\_\_\_\_ E-mail. \_\_\_\_\_

### Registration fees.

Early Bird registration  
March 15<sup>th</sup> 2013

Late registration  
April 1<sup>st</sup> 2013

Member of DSfN \_\_\_\_\_ kr. 2700 \_\_\_\_\_ kr. 3500

Member and Phd student \_\_\_\_\_ kr. 2000 \_\_\_\_\_ kr. 2800

Non-member \_\_\_\_\_ kr. 3200 \_\_\_\_\_ kr. 4000

Accompanying person \_\_\_\_\_ kr. 3200 \_\_\_\_\_ kr. 4000

Name of accompanying person. \_\_\_\_\_

### Please check of the appropriate boxes.

Accommodation on May 5. \_\_\_\_\_

Accommodation on May 6. \_\_\_\_\_

Gala dinner on May 6. \_\_\_\_\_

### Payment.

\_\_\_\_\_ The amount DKK \_\_\_\_\_ has been transferred to Danske Bank  
Registration nr. 1551, account 0010639212. *Please indicate your name!*

### Cancellations

Until April 1<sup>st</sup> participants can get their fee reimbursed after deduction of a handling fee of 200 DKK. For cancellations made after April 1<sup>st</sup> it will not be possible to get the fee reimbursed.

**Please send the registration form to [lcausse@sund.ku.dk](mailto:lcausse@sund.ku.dk)**

or by regular mail to Dansk Selskab for Neurovidenskab, Attn. Lisbeth Causse, Panum  
Institutet, 33.3, Blegdamsvej 3, 2200 København N