

**Programme of the Annual Meeting of the Netherlands Society for Behavioural Biology**  
**Soesterberg, 23-25 November 2011**

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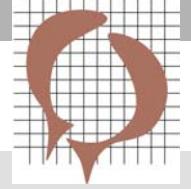
**Wednesday, 23 November**

17:30 Registration

18:00 Dinner

Baerends lecture – chair: Simon Verhulst  
20:00 **Jens Krause** (Humboldt University Berlin)  
*Social Networks and Collective Behaviour*

21:00 Posters + bar open in the Winter Garden; first drink sponsored by Brill, publisher of Behaviour



**Thursday, 24 November**

07:30 Breakfast

Session: Applied behavioural biology – chair: Liesbeth Bolhuis

09:00 **Inonge Reimert** (Wageningen University)  
*Behavioural and physiological indicators of emotional state in pigs*

09:30 **Elske de Haas** (Wageningen University)  
*Fear and stress in groups of laying hens*

10:00 **Lies Zandberg** (Wageningen University)  
*Social network analysis of horses (*Equus caballus*) and the effects of removal of individuals*

10:30 Coffee/tea

Session: Bird behaviour – chair: Katharina Riebel

11:00 **Sanne Moorman** (Utrecht University)  
*Memory-related dominance of the left hemisphere in the songbird brain*

11:20 **Martina Muller** (University of Groningen) *Is within-clutch variation in yolk androgens an adaptive maternal effect to modulate sibling competition in birds?*

11:40 **Pralle Kriengwatana** (University of Western Ontario)  
*Effects of juvenile stress on learning, body composition, and immune function*

Invited lecture: New Chair in Behavioural Biology

12:00 **Marc Naguib** (NIOO; new Professor Behavioural Ecology Wageningen University)  
*Animal communication networks*

12:45 Lunch

13:45 **Poster session** (see below for a list of the posters) + Coffee/tea

Session: Acoustic signals – chair: Carel ten Cate

15:00 **Wouter Halfwerk** (Leiden University)  
*Urban noise affects community ecology*

15:30 **Errol Neo** (Leiden University) *The impact of artificial noise on swimming behaviour and spatial distribution of captive zebrafish (*Danio rerio*)*

16:00 **Hans Slabbekoorn** (Leiden University)  
*Spectral flexibility in singing chiffchaffs during experimental noise exposure in the field*

16:30 *Huishoudelijke vergadering/general meeting\**

17:30 Bar open (in the Winter Garden)

18:00 Dinner in the Winter Garden

Invited Lecture – chair: Marc Naguib

20:00 **Julia Fischer** (German Primate Center and Göttingen University)  
*Monkey minds: From simple communication to complex cognition*

21:00 *Drinks in the Winter Garden sponsored by Noldus Information Technology; Demonstration (in the Cecilia Kapel) of The Observer*

## Friday, 25 November

07:30 Breakfast

Session: *Emergent properties and multilevel effects* – chair: Joris Koene

09:00 **Monique de Jager** (NIOO-CEME, Yerseke)

*Individual behavior in self-organized mussel beds*

09:30 **Michael Briga** (University of Groningen)

*Effects of foraging costs on lifespan depend on developmental conditions*

09:50 **Jelle Boonekamp** (University of Groningen)

*Telomere length behaves as biomarker of somatic redundancy rather than biological age*

10:10 **Giulia Gracceva** (University of Groningen) *Early environment and maternal phenotype*

*influence personality development and stress sensitivity in rats*

10:30 Coffee/tea

Session: *Applied behavioural biology* – chair: Peter Roessingh

11:00 **Valerie van den Bos** (University of Amsterdam)

*Stereotypic behaviour in zoo-housed animals*

11:20 **Irene Camerlink** (Wageningen University)

*Relation between social behaviours, genetics and growth rate in finishing pigs*

11:40 **Courtney Daigle** (Michigan State University) *Developments and directions of monitoring non-cage laying hens using a wireless body mounted sensor*

12:00 **Paul Koene** (Wageningen University) *Behavioral ecology of captive species: using behavioral adaptations to assess and enhance welfare of captive animals*

12:30 Lunch

Session: *Communication and partner choice* – chair: Johan Bolhuis

13:30 **Paulien de Brujin** (University of Amsterdam)

*Context-dependent communication in a non-social insect*

14:00 **Jorg Massen** (Utrecht University) *Primate stock exchange: opportunistic partner choice or long-term stable relationship?*

14:30 **Arne Iserbyt** (Antwerp University) *Frequency-dependent mating patterns and the maintenance of female polymorphism in damselflies*

15:00 **Alzbeta Talarovicova** (University of Groningen) *Female genital masculinisation, maternal androgens and behavioural adaptations of two wild Cavia species.*

15:30 *Poster prizes and closure by Simon Verhulst (president of the Netherlands Society for Behavioural Biology)*

*Coffee/tea + end of meeting*

*Please remember to return your room key and name badge before leaving!*

## Posters

**Joris Koene** (VU University Amsterdam) *True injection of male accessory gland products via a love dart in a hermaphroditic land snail*

**Marije Oostindjer** (Wageningen University) *Increased opportunities to interact with the mother affect responses of piglets to weaning and a change of environment*

**Paul Koene** (Wageningen University) *Environmental change and effects on welfare of captive King Penguins (*Aptenodytes patagonicus*).*

**Paul Koene** (Wageningen University) *Social Network Analysis in laying hens (*Gallus gallus domesticus*).*

- Seyedmehdi Amininasab** (University of Groningen) *Preliminary study on the breeding biology of the Penduline tit (Remiz pendulinus) in Iran*
- Ioannis Leris** (Utrecht University) *Guppies remember shoal locations in a spatial memory task.*
- Erica van Rooij** (Macquarie University Sydney) *Mate choice for bill colour in a sexually monomorphic finch.*

\* Agenda huishoudelijke vergadering/general meeting

1. Notulen jaarvergadering 2010
2. Verslag over 2011
3. Financieel jaarverslag & verslag Kascommissie
4. Benoeming nieuwe Kascommissie
5. Plannen en begroting voor 2012
6. Bestuurssamenstelling  
Alleen de termijn van de voorzitter (Simon Verhulst) loopt af – hij stelt zich beschikbaar voor een 2e termijn.
7. Rondvraag
8. Sluiting

## Sponsors

We thank the following institutions for financial support:

Division Earth and Life Sciences of the Netherlands Organisation for Scientific Research (ALW / NWO), Noldus Information Technology, Brill (journal Behaviour), and Royal Society Publishing (poster prize).



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