

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 Bruijn** (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

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