

**Programme of the 20<sup>th</sup>  
Annual Meeting of the Netherlands Society for Behavioural Biology  
Soesterberg, 28-30 November 2012**

[www.gedragsbiologie.nl](http://www.gedragsbiologie.nl)

**Wednesday, 28 November**

17:00 *Start of registration*

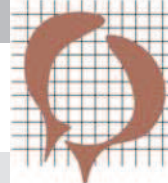
18:00 *Dinner in the room Steyl*

Opening lecture in the room Ceciliakapel – chair: Marc Naguib

20:30 **Constance Scharff** (Freie Universität Berlin)

*Thinking about language evolution at the zoo: insights from birds, bats and bees*

21:30 *Posters up + bar open in the Wintertuin (see below for a list of the posters)*



**Thursday, 29 November**

07:30 *Breakfast*

*Session: Acoustic Communication*

09:00 **Claartje Levelt** (Leiden University)

*Tracing the sources of young children's deviant word productions*

09:45 **Carel ten Cate** (Leiden University)

*Linguistic abilities in zebra finches?*

10:15 **Erica van Rooij** (Wageningen University)

*To sing or not to sing: how neighbours affect singing activity in the Great Tit (Parus major).*

10:30 *Coffee/tea*

*Session: Animal Welfare*

11:00 **Hanno Würbel** (University of Bern)

*Applying behavioural biology towards refinement of animal experiments*

11:45 **Andrew Janczak** (Norwegian School of Veterinarian Science)

*Maternal and early environmental effects on sheep and poultry*

12:15 **Tuul Sepp** (University of Tartu)

*The easy life of lab birds: comparison of stress indicators in captive and wild greenfinches*

12:30 *Lunch in the Wintertuin*

13:30 **Poster session** + *Coffee/tea (see below for a list of the posters)*

*Session: Behavioural Ecology*

15:00 **Geoff Parker** (University of Liverpool)

*Sperm competition and evolution*

15:45 **Franjo Weissing** (University of Groningen)

*The evolutionary ecology of individual variation*

16:15 **Marie-Jeanne Holveck** (Université Catholique de Louvain)

*Plastic and genetic scaling of lifestyles in changing environments*

16:30 *Huishoudelijke vergadering/general meeting \* Agenda see below!*

17:30 *Bar open (in the main building)*

18:00 *Dinner in the St. Janszaal*

Invited Lecture – chair: Marcel Eens

20:30 **Hans van Dyck** (Université Catholique de Louvain)

*The Umwelt-concept meets conservation biology: what we see, is not necessarily what other animals get*

21:30 *Drinks in the Wintertuin, sponsored by Noldus Information Technology*

## Friday, 30 November

07:30 *Breakfast*

*Session: Animal Personality*

09:00 **Jaap Koolhaas** (University of Groningen)

*Animal personality: changing views and developing concepts.*

09:45 **Kees van Oers** (NIOO-KNAW, Wageningen)

*TBA*

10:15 **Allert Bijleveld** (NIOZ, Texel)

*The ecology of personalities: how gizzard size reflects the syndrome in foraging red knots*

10:30 *Coffee/tea*

*Session: Sexual Selection and Speciation*

11:00 **Astrid Groot** (University of Amsterdam) *Divergence in sexual communication, part 1: causes, consequences and case studies on moth pheromones.*

11:45 **Martine Maan** (University of Groningen)

*Divergence in sexual communication, part 2: sensory drive in cichlid fish*

12:15 **Yumi Nakadera** (VU University Amsterdam) *Post-copulatory manipulation of male and female functions via seminal fluid in a hermaphroditic freshwater snail*

12:30 *Lunch in the Wintertuin*

*Session: Social Behaviour*

13:30 **Ronald Noë** (University of Strasbourg)

*How vervets trade and solve coordination problems*

14:15 **Liesbeth Sterck** (Utrecht University)

*Primate social cognition: capacities and their social function*

14:45 **Edwin van Leeuwen** (Max Planck Institute, Nijmegen) *Flexibility in chimpanzees: not conformity, but resource-optimisation trumps chimpanzees' conservative nature*

15:00 *Coffee/tea*

*G.P. Baerends lecture – chair: Simon Verhulst*

15:30 **Kevin Laland** (University of St Andrews)

*Cause and Effect in Biology Revisited*

17:00 *Poster prizes and closure by Simon Verhulst (president of the Netherlands Society for Behavioural Biology)*

*Coffee/tea + end of meeting*

## Posters

- Muhammad Aamir Aslam** (Wageningen University) *Feed restriction induced change in body mass affects offspring sex ratio in laying hens.*
- Simon Baeckens** (University of Antwerp) *Immunity on Colour Morphs of the Lizard Podarcis sicula.*
- Gabriël Beckers** (Universiteit Utrecht) *Traveling slow waves in the avian brain.*
- Stephanie Buijs** (Institute for Agricultural and Fisheries Research ILVO) *Fear testing in rabbit does – Inter- and intra-test consistency.*
- Tamsin Burbidge** (Leiden University) *Asymmetric response patterns to subspecies specific song across a grey-breasted wood-wren contact zone.*
- Irene Camerlink** (Wageningen University) *Social nosing in pigs and its relationship to dominance hierarchy and harmful behaviour.*
- Jiani Chen** (Leiden University) *Can zebra finches learn to discriminate "words" based on affixations?*
- Francesco De Giorgio** (Learning Horse) *Equine social cognition: differences in the social exploratory process comparing free-roaming and domestic horses.*
- Jacobus de Roode** (Emory University) *Monarch butterflies practice herbal medicine: consequences for infectious disease and host-parasite coevolution.*
- Claire Duménil** (University of Amsterdam) *Does larval food affect sex pheromone composition in moths?*
- Anne-Laure Gauthier** (University of Louvain) *Relative importance of female choice and male competition on mating outcome.*
- Giulia Graceva** (University of Groningen) *Turning shy on winter's day: effects of season on personality and stress response in *Microtus arvalis*.*
- Erik Gustafsson** (Université de Saint-Etienne) *Is this my baby crying? Influence of time spent with own baby and of exposure to other babies on offspring recognition*
- Bin-Yan Hsu** (University of Groningen) *Solving a paradox: context-dependent effects of yolk testosterone in the Rock Pigeon (*Columba livia*).*
- Joris Koene** (VU University Amsterdam) *Quantifying the energetic costs of mating in a simultaneous hermaphrodite.*
- Annebelle Kok** (Leiden University) *Correlations between surface behaviour and underwater acoustics revealed by D-tag data in pilot whales.*
- Kaarin Koosa** (University of Tartu) *Singing behaviour of male great tits reveals personality and phenotypic quality.*
- Peter Korsten** (University of Groningen) *Genetic integration of dispersal and exploratory behaviour in great tits.*
- Tatjana Krama** (University of Daugavpils) *You mob my owl, I'll mob yours: birds play tit-for-tat game.*
- Indrikis Krams** (University of Tartu) *Immunity, stress and personality in wintering great tits in Northern Europe.*
- Jaanis Lodjak** (University of Tartu) *IGF-1 and developmental speed in great tit (*Parus major*) nestlings: a brood size manipulation.*
- Marju Manniste** (University of Tartu) *Can feather corticosterone level predict behavior under stressful conditions?*
- Carien Mol** (Utrecht University) *Tutor song recognition independent of syllable order in zebra finches.*
- Fernando Monroy** (VU University Amsterdam) *Precopulatory assessment and sex role during mating in the simultaneous hermaphrodite *Eisenia andrei* (Oligochaeta, Lumbricidae).*
- Errol Neo** (Leiden University) *The effect of the temporal structure of noise on the swimming behaviour of the European seabass.*
- Anne Overduin - de Vries** (Utrecht University) *Long-tailed macaques (*Macaca fascicularis*) understand what conspecifics can see in a competitive situation.*
- Inonge Reimert** (Wageningen University) *Differences in novelty behaviour for pigs with different coping styles.*

**Hans Slabbekoorn** (Leiden University) *Song divergence in grey-breasted wood-wrens: an experimental test of immediate noise-dependent plasticity.*

**Lysanne Snijders** (Wageningen University) *Tracking the social lives of great tits.*

**Vallo Tilgar** (University of Tartu) *Stress Effects on Parental Provisioning in two Forest Passerines.*

**Daniel van der Post** (University of Groningen) *A "distance-dependent" mechanism for a survival advantage of vigilant individuals in groups.*

**Jeroen van Rooijen** (retired) *The position of male broiler breeder feeding places in cages in relation to fertility and welfare.*

**Claudia Maureen Vinke** (Utrecht University) *Welfare of exotic pet species in the Netherlands.*

**Nele Zickert** (University of Groningen) *The function of brain lateralization.*

\* Agenda huishoudelijke vergadering | *Agenda general meeting*

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| 1. Opening   | 1. Opening   |
| 2. Notulen jaarvergadering 2011  | 2. <i>Minutes meeting 2011</i>   |
| 3. Verslag over 2011   | 3. <i>Report on 2011</i>   |
| 4. Financieel jaarverslag & verslag Kascommissie   | 4. <i>Financial report &amp; check Financial Committee (FC)</i>  |
| 5. Benoeming nieuwe Kascommissie   | 5. <i>Installation new FC</i>  |
| 6. Plannen en begroting voor 2013  | 6. <i>Plans &amp; budget 2013</i>  |
| 7. Bestuurssamenstelling<br>(De termijn van Bart Houx, Kate Lessells, Martijn Egas en Hans Slabbekoorn loopt af – alleen Hans Slabbekoorn is herkiesbaar.) | 7. <i>Composition NVG board<br/>(Terms of Bart Houx, Kate Lessells, Martijn Egas and Hans Slabbekoorn end – only Hans Slabbekoorn is reelectable.)</i> |
| 8. Rondvraag   | 8. <i>Questions</i>  |
| 9. Sluiting  | 9. <i>Closing</i>  |

**Sponsors**

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