

Association for the Study of Animal Behaviour

Winter Meeting 2009



INDIVIDUAL SPECIALISATION Programme

THURSDAY, 3 DECEMBER

Coffee and registration from 9:30

10.20 Welcome and Introduction

1. Task Specialisation

10.30 – 11.20 **PLENARY: *Specialization and optimization of reproduction and work in insect societies***

Francis Ratnieks, University of Sussex, UK

11.20 – 11.50 ***Individual specialisation and activity levels in social insects***

Ana B Sendova-Franks¹, Nigel Franks²: ¹University of West of England, UK; ²University of Bristol, UK

11.50 – 12.20 ***Individual variation in cerebral lateralization and its ecological consequences***

Marco Dadda, Angelo Bisazza: University of Padova, Italy

12:20 – 12.50 ***Sex roles in parental care: specialisation and cooperation***

Freya Harrison^{1,2}, Tamás Székely¹, Zoltán Barta³: ¹University of Bath, UK; ²University of Oxford, UK; ³University of Debrecen, Hungary

12:50 – 14:00 Lunch

2. Animal Personality I

14:00 – 14:50 **PLENARY: Causes and consequences of individual differences in behaviour in three-spined sticklebacks**

Alison Bell: University of Illinois, Urbana-Champaign, USA

14:50 – 15:20 **Testing for correlations in boldness and aggression within individuals and across populations of fish**

Gabrielle A. Archard, Victoria A. Braithwaite: Pennsylvania State University, USA.

15:20 – 15:50 **Behavioural reaction norms: Animal personality meets individual plasticity**

Niels J. Dingemans¹, Anahita J.N. Kazem², Denis Reale³, Jonathan Wright²: ¹Max Planck Institute for Ornithology, Germany; ²NTNU, Norway; ³Universite du Quebec a Montreal, Canada

15:50 – 16:10 Tea

3. Animal Personality II

16:10 – 16:40 **Measuring individual differences in reaction norms in field and experimental studies: a power analysis of random regression models**

Julien G.A. Martin¹, Daniel Nussey², Alastair Wilson², Denis Réale³: ¹Universite de Sherbrooke, Canada; ²University of Edinburgh, UK; ³Universite du Quebec a Montreal, Canada

16:40 – 17:10 **Ratings of zoo chimpanzees (*Pan troglodytes*) and orangutans (*Pongo pygmaeus* and *Pongo abelii*) are not anthropomorphic projections**

Alexander Weiss, Miho Inoue-Murayama, James E. King, Mark J. Adams, Tetsuro Matsuzawa: University of Edinburgh

17:10 - 17:40 **Effects of personality on sexually selected signals in great tits**

Marc Naguib; Mathieu Amy: Netherlands Institute of Ecology, The Netherlands

17:40 – 18:10 **Personality and life-history strategies in pea aphids, *Acyrtosiphon pisum***

Wiebke Schuett^{1,2}, Sasha R.X. Dall¹, Till Eggers²: ¹University of Exeter, UK; ²University of Osnabrueck, Germany

Wine reception and poster session from 18.10

FRIDAY, 4 DECEMBER

Coffee from 9:30

4. Individual Niche Specialisation

10:30 – 11.20 **PLENARY: *Ecological and evolutionary forces maintaining niche variation within populations***

Daniel Bolnick: University of Texas, Austin, USA

11.20 – 11.50 ***Measuring foraging specialisations using stable isotopes***

Stuart Bearhop: University of Exeter, UK

11.50 – 12.20 ***Individual meerkat, *Suricata suricatta*, foraging specialisations and habitat productivity***

Alice Leyland¹, Sarah J. Hodge¹, Wiebke Schuett^{1,2}, Sasha R.X. Dall¹:
¹University of Exeter, UK; ²University of Osnabrueck, Germany

12:20 – 12.50 ***Genetic variation in social preference depends on population context in *Drosophila melanogaster****

Julia B. Saltz^{1,2}: ¹University of California, Davis, USA; ²University of Southern California, USA

12:50 – 14:00 Lunch

14:00 – 15:00 **TINBERGEN LECTURE: *Parental investment and biparental care***

Kate Lessells, Netherlands Institute of Ecology

15:00 – 15:30 Tea

5. Impacts of Individuality

15:30 – 16:00 ***Some are more equal than others: the consequences of individuality in animal behaviour for transmission of diseases***

Lisa M. Collins: Royal Veterinary College, UK

16:00 – 16:30 ***Comparing individuality to phenotypic plasticity in facilitating evolution***

Marios N. Richards, Joanna J. Bryson: University of Bath, UK

16:30 – 17:00 ***Rainbow trout use mutual assessment to settle contests***

Sarah Millsopp: Queen's University Belfast, UK

17:00 – 17:30 ***Caring or not caring, the evolution of maternal care in the European earwig***

Flore Mas: University of Basel, Switzerland

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