

# Symposium

ZOOLOGICAL SOCIETY OF LONDON  
REGENTS PARK, LONDON, NW1 4RY



**ZSL**  
LET'S WORK  
FOR WILDLIFE

14-15 September 2017

## Bird behaviour in a changing world: with a special focus on bird senses

Bird Sense 2017 brings together a distinguished list of international researchers to explore how birds perceive the varying landscapes in which they live, and how we might tackle challenges faced in welfare, conservation, and from anthropogenic change.

Birds inhabit every continent of the world and virtually all available ecological niches, from cities to the frozen tundra, from tropical rainforests to deserts, and from

mountain ranges to the ocean. They eat fruits and insects; snails and worms; cereal grains and plants; mammals and fish; beeswax; sap, and nectar. But in our human-modified world birds face many challenges their ancestors did not: the glass fronts of tall buildings, wind turbines and power lines, artificial daylight that turns night to day; and noisy air traffic that moves faster than any of their natural predators. But birds also cause conflicts for humans: they can be major pests of crops and cause nuisance in urban settings. Some birds are thriving; others are struggling. Together, we hope to formulate questions, instruments and analyses to capture how birds make sense of their changing world.

Organised by Dr Hannah Rowland, Max Planck Institute for Chemical Ecology; Professor Innes Cuthill, University of Bristol and Dr Tom Pike, University of Lincoln

Kindly supported by the Association for the Study of Animal Behaviour.

Register Online: [www.zsl.org/science/whats-on](http://www.zsl.org/science/whats-on)

Submit a poster proposal: [www.zsl.org/science/whats-on](http://www.zsl.org/science/whats-on)

Enquires: Please contact [scientific.events@zsl.org](mailto:scientific.events@zsl.org)



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## Speakers

- Dr Slav Bagriantsev, Yale University  
*Cellular and molecular specialization to mechanoreception in the duck bill*
- Dr Maude Baldwin, Max Plank Institute for Ornithology  
*Sweet and umami taste preferences in birds*
- Professor Melissa Bateson, Newcastle University  
*Sensing internal state*
- Professor Tim Birkhead FRS, University of Sheffield  
*What I don't know about birds and their senses*
- Dr Francesco Bonadonna, CEFE-CNRS  
*The lords of the perfumes*
- Dr Signe Brinkløv, University of Southern Denmark  
*Do bird echolocation and conservation fly together?*
- Dr John Ewen, Institute of Zoology, ZSL  
*Improving supplementary feeding in species conservation*
- Dr Esteban Fernandez-Juricic, Purdue University  
*Applying sensory biology and behaviour to solve conservation conflicts*
- Sam Hardman, The Max Planck Institute for Ornithology  
*How fast can a bird react to noise? A test of the speed of the Lombard effect in canaries*
- Elspeth Kenny, University of Sheffield  
*Touch/allogrooming*
- Dr Dorothy McKeegan, University of Glasgow  
*Pressure perception in poultry: welfare implications*
- Dr Gail Patricelli, University of California, Davis  
*Sensitive birds in a noisy world: the impacts of noise pollution on sage-grouse*
- Dr Steve Portugal, Royal Holloway University  
*From secretary birds to white-headed vultures: finding your next meal while avoiding a collision*
- Associate Professor Eugeni Roura, University of Queensland  
*Taste, feathers and welfare*
- Dr Eve Schneider, Yale University School of Medicine  
*Anatomical and functional specialization of the trigeminal system in diving and dabbling ducks*
- Dr John Skelhorn, Newcastle University  
*Taste and how it is affected by visual signals*
- Dr John Swaddle, College of William and Mary  
*Using targeted noise deterrents to reduce human avian conflicts*
- Professor Marcel Visser, Netherlands Institute of Ecology (NIOO)  
*Living with illuminated nights: the impact of artificial light at night on bird behaviour*
- Dr Scott J Werner, United States Department of Agriculture, National Wildlife Research Center  
*Applications of visual cues and postingestive consequences for managing bird-agriculture interactions*
- Dr Doug Wylie, University of Alberta  
*Neural mechanisms underlying visual motion detection*



# Registration Information



Register Online: [zsl.org/science/whats-on](http://zsl.org/science/whats-on)

## Ticket Price (including lunch and refreshments)

2 Days (Full rate)	£160	
2 Days (Discount rate)	£80	(for ZSL Members & Fellows and students)
1 Day (Full rate)	£100	
1 Day (Discount rate)	£50	(for ZSL Members & Fellows and students)

## Location

Huxley Lecture Theatre, Main Meeting Rooms, Zoological Society of London  
ZSL London Zoo, Regent's Park, Outer Circle, London NW1 4RY, UK

Nearest Underground station: Camden Town

Nearest bus: Number 274



## Booking notes

Places must be booked in advance. If you would like to pay by cheque, please contact [scientific.events@zsl.org](mailto:scientific.events@zsl.org)

## Meals and refreshments

Coffee, tea and a buffet sandwich lunch are included in the ticket price. Please state if you have any special dietary requirements, including vegetarian.

## Enquiries

Please contact: Jennifer Howes, Scientific Events Coordinator  
Zoological Society of London, Regent's Park (Outer Circle), London, NW1 4RY, UK.  
E: [scientific.events@zsl.org](mailto:scientific.events@zsl.org) ; T: +44 (0)20 7449 6227

# Call for posters:

## Bird behaviour in a changing world: with a special focus on bird senses



### Poster Proposal Form

**14-15 September 2017**, the Meeting Rooms, Zoological Society of London, Regent's Park (Outer Circle), London NW1 4RY, UK

There is space for approximately 25 posters at this symposium. Posters will be on display throughout, and attendees will have plenty of time to study posters and interact with speakers and other delegates during tea/coffee breaks (poster area is close to refreshment points).

Abstracts of no more than 250 words outlining poster content should be emailed to [scientific.events@zsl.org](mailto:scientific.events@zsl.org)

**Please note the deadline for submission of poster proposals is 31 August 2017**

**Those who have submitted successful poster proposals will notified by 7 September 2017 and further guidelines will be sent at that time**

Title of poster

Author(s) of poster, including affiliation details  
Please indicate which author/representative will attend the symposium to present the poster.

Contact e-mail address

Abstract of no more than 250 words outlining poster content

**For more information**, please contact  
Jennifer Howes: Tel: +44 (0)20 7449 6227; E-mail: [jennifer.howes@zsl.org](mailto:jennifer.howes@zsl.org)