

# #BOU2024

## Urban birds

9-11 April 2024 | In-person and on Twitter (X)



## PROGRAMME

- All times are in British Summer Time (BST) – please use this time zone convertor for your local time: <https://www.timeanddate.com/worldclock/convertor.html>
- In-person presenters will post a summary of their presentation on X(Twitter) during their presentation slot.
- X(Twitter)-only and poster presentations will be posted on X(Twitter) during #BREAK1 & #BREAK2.

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### DAY 1 – TUESDAY, 9 APRIL 2024

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- 1400 -1700 ECR Workshops | The Exchange (C1 / C4 / C34)
- 1500 - 1800 Accommodation check-in | Jubilee Welcome Point (Newark Hall)
- 1700 Registration opens | The Exchange
- 1700 - 2200 Time to view posters, exhibits & Twitter(X) presentations | The Exchange (C3)
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#### X(TWITTER) PRESENTATIONS

#### #BREAK1

- 1620 **Tiny Forest: exploring potential as living labs for urban bird research**  
X-only Daniel Hayhow (he/him/his) | Earthwatch Europe, UK | @DBHayhow
- 1630 **Assessing the bird feeding guild patterns in urban areas of Maroua, Cameroon**  
X-only Jean Tonleu | University of Dschang, Cameroon | @TonleuSir
- 1640 **Town birds in Tenerife: ecology of the urban-rural gradient**  
X-only Alex Nicol-Harper (she/her) | Wildfowl & Wetlands Trust & University of Oxford, UK | @alexnicolharper
- 1650 **The importance of public engagement at an urban bird reserve: The PODA reserve in Bulgaria**  
X-only David Nicholas Clark | Independent (ex. Birmingham University, UK) | @daveclark77
- 1700 **Avian fauna of Dhaka city, their habitats, occurrence, and conservation**  
X-only Sharif Hossain Sourav | German Aerospace Center (DLR) | @sourav\_nature
- 1710 **Understanding the interplay between the gut microbiota, behaviour and urbanisation in wild birds**  
Poster & X Vildan Acar | University of East Anglia, UK | @vildanhere
- 1720 **Associations between urbanization and avian communities in the Afrotropics: evidence from taxonomic, functional and phylogenetic diversity**  
Poster & X Adewale G. Awoyemi (he/him) | University of Granada, Spain | @AdewaleAwoyemi
- 1730 **Seasonal patterns of occurrence and abundance of Black-winged Lapwings in a peri-urban area**  
Poster & X Philip Whittington | East London Museum, South Africa | @IBIS\_journal
- 1740 **Behavioural responses of blue tits to novel sound / novel object in urban vs rural habitat**  
Poster & X Julia Mackenzie (she/her) | Anglia Ruskin University, UK | @\_Mackenzie\_23

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- 1750 ***Chlamydia psittaci* in the urban environment: insights from Antwerp's pigeons**  
Poster & X Valentin Adrian Kiss (he/him) | University of Antwerp, Belgium | @valentinkiss07
- 1800 **Urban tolerance does not protect against population decline in North American birds**  
Poster & X Julianna Azaria Petrenko (she/her) | Queen's University, Canada | @JulAzariaPet
- 1820 **Birds of Prague 1800-2020: birds in the city and a story of a hero**  
Poster & X Petr Voříšek | Czech Society for Ornithology/European Bird Census Council | @VorisekP
- 1830 **Improving understanding of mallard productivity, survival and movement**  
X-only Hannah Coburn (she/her) | University of Essex, UK | @HannahECoburn
- 1840 **House Sparrows and urban density in Ottawa, Canada**  
X-only Anthony Gaston (he/him) | Tony Gaston Consulting, Canada | @knomealone
- 1850 **Movements of the Northern Cardinal across urban green spaces during the winter season**  
X-only Anne-Marie Cousineau (she/her) | McGill University, Canada | @anne\_marie\_bio

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1900 **DINNER** | The Atrium

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### ALFRED NEWTON LECTURE | THE EXCHANGE (C.LT2)

#ALFREDNEWTONLECTURE

- 2030 **Welcome**  
Graeme Buchanan | BOU President & RSPB, UK
- A bird's eye view of behavioral and demographic processes that shape avian communities in an urbanizing world**  
Amanda D. Rodewald | Garvin Professor of Ornithology and Senior Director of the Center for Avian Population Studies, Cornell Lab of Ornithology and Department of Natural Resources and the Environment, Cornell University, USA | @IBIS\_journal
- 2200 Time to view posters and exhibits
- 2330 **BAR** | Newark Hall



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DAY 2 – WEDNESDAY, 10 APRIL 2024

0730 **BREAKFAST** | The Atrium

**X(TWITTER) PRESENTATIONS**

**#BREAK2**

- 0800 **Anthropogenic noise affects acoustic parameters of the territorial song of Western Australian magpie**  
X-only Grace Blackburn (she/her) | The University of Western Australia | @G\_Blackburn\_
- 0810 **Green spaces and water body support bird species diversity across urban parks in Kuala Lumpur, Malaysia**  
X-only Fudzla Zulfa Khiruddin (she/her) | The National University of Malaysia | @fudzulfa
- 0820 **Citizen science data reveal distinct bird-window collision patterns in a subtropical Asian island**  
X-only Chi-Heng Hsieh (she/her/hers) | National Taiwan University, Taiwan | @ginny\_r10b44004
- 0830 **Study on relationship between various habitat and feeding guilds of birds in and around Rajkot, Gujarat**  
X-only Bhargavi L. Thaker (she/her) | Christ College, India | @ThakerBhar66373
- 0840 **Urbanisation and personality traits: a preliminary study on risk-taking behaviour in female Jackdaws**  
X-only Margaux Vanhussel | University of Liège, Belgium | @MargauxVhl
- 0850 **Not in the countryside please! Investigating UK residents' perceptions of the introduced Ring-necked Parakeet**  
X-only Alessandro Pirzio Biroli | GHD, UK | @apb\_birds

0830 Registration opens | The Exchange

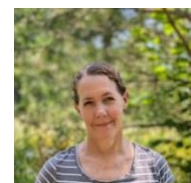
**SESSION 1 – PHYSIOLOGY AND BEHAVIOUR | THE EXCHANGE (C.LT2)**

**#SESH1**

Chair: Caroline Isaksson | Lund University, Sweden | @Carolinelsak

0900 **WELCOME TO THE CONFERENCE**  
Graeme Buchanan | BOU President & RSPB, UK

0905 **KEYNOTE**  
**Hormones in the city: Do endocrine traits affect urban tolerance?**  
Fran Bonier | Queen's University, Canada | @IBIS\_journal



0935 **City brains and country brains: Untangling the relationship of neuroanatomy and urban tolerances**  
Allen Vikram Chochinov (he/him) | Queen's University, Canada | @VikramofToronto

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- 0950 **Endocrine flexibility and FKBP5: Promising physiological targets for conservation**  
Lynn B. Martin | University of South Florida, USA | @MartinlabUSF
- 1005 **Is hemoglobin a useful health biomarker of air pollution? Insights from measurements in wild bird populations from urban and rural areas**  
Susana Garcia Dominguez (she/her) | Lund University, Sweden | @suus\_gd
- 1020 **Reviewing the impacts of air pollution on terrestrial birds**  
Madeleine Barton | British Trust for Ornithology, UK | @madgrace24
- 1035 **Speedy Posters!**  
30 second poster elevator pitches | Various presenters
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- 1045 **TEA & COFFEE** | The Exchange (C3)  
Time to view posters and exhibits
- 

**SESSION 2 – GUT MICROBIOMES IN URBAN BIRDS | THE EXCHANGE (C.LT2)**

**#SESH2**

Chair: Lynn B. Martin | University of South Florida, USA | @MartinlabUSF

1130 **KEYNOTE**

**Causes and consequences of variation in the gut microbiome of urban and non-urban birds: Insights from correlational and experimental data**

Pablo Capilla-Lasheras | University of Glasgow, UK | @p\_capi



1200 **Effects of urbanization and diet on the microbiome of great tits: Various scales**

Coralie Drack (she/her) | University of Toulouse, France | @cdrack\_PhD

1215 **The effect of an urban diet on the gut-microbiome of feral pigeons (*Columba livia domestica*)**

Camille Troisi (she/her) | Ghent University, Belgium | @CamilleTroisi

1230 **Spatio-temporal Usutu virus impacts on Common Blackbird populations**

Jurrian van Irsel | Netherlands Institute for Ecology | @JurrianvanIrsel

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1245 **LUNCH** | The Exchange (C3)

Time to view posters and exhibits

1315 - 1400 **WILDLIFE ACOUSTICS WORKSHOP**

**Bioacoustics as a research tool for birds: from data collection to analysis**

Paul Howden-Leach | Wildlife Acoustics | The Exchange (C1)

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### SESSION 3 – MORPHOLOGY AND COLOURATION | THE EXCHANGE (C.LT2)

#SESH3

Chair: Davide Dominoni | University of Glasgow, UK | @dmdominoni

1415

#### KEYNOTE

**Flying colours over the city: The effect of urbanisation on the interspecific variation in plumage colour**

Lucas M. Leveau | CONICET-University of Buenos Aires, Argentina | @LucasLeveau



1445

**The coloration of urbanization: Great Tits are paler in more urbanized areas within the city**

Nicolas Bekka (he/him) | Institute of Ecology and Environmental Sciences of Paris, France | @Nicolas\_Bekka

1500

**Bird colouration in the city and under climatic changes**

Lisa Sandmeyer (she/her) | Center for Functional and Evolutionary Ecology, France | @SandmeyerL

1515

**Divergent selection in the urban environment: Urban short winged Blue Tits show an increased survival**

Juan Carlos Senar (he/him/his) | Museum of Natural Sciences of Barcelona, Spain | @SenarJC

1530

**TEA & COFFEE** | The Exchange (C3)

Time to view posters and exhibits

### SESSION 4 – FROM BEHAVIOUR TO COMMUNITY RESPONSES | THE EXCHANGE (C.LT2) #SESH4

Chair: Dan Chamberlain | University of Turin, Italy | @DanC\_eco

1615

#### KEYNOTE

**Facing the urban tapestry: Urbanization as a spatio-temporally filtering force for birds**

Ian Macgregor-Fors (he/him) | University of Helsinki, Finland | @macgregorfors



1645

**The impact of urbanisation on the demographic rates of Blue Tits**

Claire Branston (she/her) | University of Glasgow, UK | @ClaireBranston

1700

**Small town, scary town: House Sparrows escape slower in bigger but not necessarily denser settlements**

Javier Quesada | Natural Sciences Museum of Barcelona, Spain | @MCNBzoologia

1715

**Nest site selection and territory characteristics of Paridae in a mosaic urban environment**

Sung Jin Park (he/him/his) | Seoul National University, South Korea | @wildlifekr

1730

**Relationships between city characteristics and avian diversity and occurrence in Ontario's cities**

Paul Preston (he/him) | Queen's University, Canada | @ppreston00

1800

**BOU ANNUAL GENERAL MEETING** | The Exchange (C.LT2)

Including Janet Kear Union Medal presentation | All welcome

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1830      **BOU ECR EVENT** | The Exchange Foyer (Ground Floor)

1800 - 1945      Time to view posters and exhibits | The Exchange (C3)

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2000      **DINNER** | The Atrium

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- 2330      **BAR** | Newark Hall

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DAY 3 – THURSDAY, 11 APRIL 2024

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0730      **BREAKFAST** | The Atrium

0830      Registration opens | The Exchange

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**SESSION 5 – BIODIVERSITY IN THE CITY | THE EXCHANGE (C.LT2)**

**#SESH5**

Chair:      Christine Howard | Durham University, UK | @\_choward

0900      **KEYNOTE**

**Linking bird communities and socio-economic status in urban areas**

Dan Chamberlain | University of Turin, Italy | @DanC\_eco



0930      **Predicting bird species assemblages in planned housing developments**

Joe Cooper | British Trust for Ornithology, UK | @birdjoetweets

0945      **Local and among city predictors of variation in bird species richness**

Islamiat Abidemi Raji (she/her) | Queen's University, Canada | @Godknowsisable

1000      **Birds, butterflies, and humans: Insights from some Nigerian urban green spaces**

Umbule Mador (she/her) | A. P. Leventis Ornithological Research Institute, Nigeria | @MadorUmbule

1015      **Urbanizing Los Angeles: Using museums and atlas data to model bird occupancy changes over a century**

Sean Lyon (he/him) | University of California, Merced, USA | @slay\_none

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1030      **TEA & COFFEE** | The Exchange (C3)

Time to view posters and exhibits

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**SESSION 6 – THE ROLE OF ANTHROPOGENIC FOOD SOURCES | THE EXCHANGE (C.LT2) #SESH6**

Chair:      Juan Diego Ibáñez-Álamo | University of Granada, Spain

1115      **KEYNOTE**

**Urban bird disease dynamics: Investigating the role of gardens and supplementary feeding**

Hugh Hanmer | British Trust for Ornithology, UK | @HughHanmer



1145      **The evolutionary consequences of bird feeding within urban landscapes**

Marion Chatelain (she/her) | University of Innsbruck, Austria | @MarionChatel1

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1200 **Ecological traits associated with anthropogenic food use by birds in urban areas: A global review**

Arjun Amar (he/him) | Fitzpatrick Institute of African Ornithology, South Africa | @arjundevamar

1215 **Urban bird commensals maintain coexistence under extreme food shortages**

Malcolm Soh (he/him) | National Parks Board, Singapore | @Soh\_Malcolm

1230 **Bird feeding as a tool to reconnect urban children to nature**

Johan Kjellberg Jensen | Lund University, Sweden | @JohankJensen1

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1245 **LUNCH** | The Exchange (C3)

Time to view posters and exhibits

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**SESSION 7 – POLLUTION AND BEHAVIOUR | THE EXCHANGE (C.LT2)**

**#SESH7**

Chair: Hugh Hanmer | British Trust for Ornithology, UK | @HughHanmer

1415 **KEYNOTE**

**Evolutionary ecology of biological clocks: insights from urban birds**

Barbara Tomotani | Arctic University of Norway (UiT), Norway | @babi\_mt

1445 **The impacts of artificial light at night on the health of Great Tit nestlings**

Rachel Reid (she/her) | University of Glasgow, UK | @rachelrosereid3

1500 **Impact of pollution on the cultural evolution of Great Tit (*Parus major*) songs**

Marianne Sarfati (she/her) | Royal Holloway University of London, UK | @MarianneSarfati

1515 **Owls living in the city: Effect of urban cover, noise and light pollution on breeding Tawny Owls (*Strix aluco*) along a forest-urban gradient**

Giuseppe Orlando | University of Glasgow, UK | @beppe\_orlando96

1530 **CONFERENCE CLOSE**

Graeme Buchanan | BOU President & RSPB, UK

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1545 **TEA & COFFEE** | The Exchange (C3)

Departure

