

**2nd International Bat Research Online Symposium (IBROS): Daily and seasonal movements of European bats
24th - 25th January 2023**

The symposium will be delivered remotely with live lectures in Central European Time.

Day one (24 th January)	
09:00	Opening of the lobby for registered participants
09:15 - 9:30	Welcome + housekeeping
Session 1: The movement ecology paradigm, orientation/navigation, social aspects	
09:30 - 10:00	Ran Nathan (Keynote): The movement ecology paradigm and bats (tentative title)
10:00 - 10:30	Lasse Jakobsen (Keynote): Bat orientation (tentative title)
10:30 - 11:00	Richard Holland and Oliver Lindecke (shared keynote): Bat navigation (tentative title)
11:00 - 11:30	Coffee break
Session 1: ... continued	
11:30 - 11:45	Shannon Currie: Whole animal conversion efficiency increases with increasing flight speed in the migratory bat <i>Nathusius' pipistrelle</i>
11:45 - 12:00	Aya Goldshtein: Do bats use echolocation for large-scale navigation?
12:00 - 12:15	Jenna Kohles: Social foraging behavior and information use linked to prey distribution in an ephemeral insect-eating bat
12:15 - 12:30	Baheerathan Murugavel: Home ranges and the influence of moon phases on the movement ecology of Indian flying fox males in southern India
12:30 - 13:45	Lunch break
Session 2: Using GPS to study diurnal movements of bats	
13:45 - 14:15	Manuel Roeleke (Keynote): Daily movements of bats tracked by GPS and reversed GPS techniques (tentative title)
14:15 - 14:30	Isabella Mandl: Using GPS tracking to understand landscape use of Livingstone's flying foxes, <i>Pteropus livingstonii</i> , on Comoros
14:30 - 14:45	Markus Dietz: Roosting and foraging activity patterns of the Greater Noctule <i>Nyctalus lasiopterus</i> in the Pripiat floodplains (Belarus)
14:45 - 15:00	Celia Lacomme: Habitat selection by <i>Hypsignathus monstrosus</i> in an anthropized landscape in forested Guinea
15:00 - 15:30	Coffee break
Session 3: VHF and PIT tracking	
15:30 - 16:00	Ivana Budinski (Keynote): Daily movements of bats evaluated by conventional VHF tracking (tentative title)
16:00 - 16:15	Chris Driessen: Brown long-eared bat (<i>Plecotus auritus</i>) in the Groote Peel (Netherlands)
16:15 - 16:30	Patricia Brown: Determining nightly movements of insectivorous southwestern North American bats
16:30 - 16:45	Lander Olasagasti: Large PIT tracking systems for the study of <i>Rhinolophus euryale</i> 's roost fidelity
16:45 - 17:00	Emmanuel Lourie: Learning to share: Elucidating the drivers of spatial partitioning between neighboring fruit bat colonies using high throughput movement tracks

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Day two (25th January)	
09:15	Opening of the lobby for registered participants
Session 4: Acoustic surveys	
09:30 - 09:32	Sponsor presentation: Wildlife Acoustics
09:32 - 10:02	Charlotte Roemer (Keynote): Movements of bats assessed by acoustic recordings
10:02 - 10:17	Rym Nouioua: Acoustic behavior in bats: Patterns and characteristics of <i>Pipistrellus maderensis</i> social calls
10:17 - 10:32	Sander Lagerveld: Offshore occurrence of a migratory bat, <i>Pipistrellus nathusii</i> , depends on seasonality and weather conditions
10:32 - 10:47	Claudia Wichmann: Phenology and seasonal occurrence of the long-distance migrant Nathusius's pipistrelle (<i>Pipistrellus nathusii</i>) in Southwestern Germany
10:47 - 11:15	Coffee break
Session 5: Banding studies	
11:15 - 11:45	Gunārs Pētersons (Keynote): Migration of European bats assessed by banding data
Session 6: Automated VHF tracking studies	
11:45 - 12:15	Fiona Mathews (Keynote): Migratory bats followed by the Motus tracking system
12:15 - 12:30	Antje Seebens-Hoyer: Offshore and coastline migration of radio-tagged Nathusius' pipistrelles
12:30 - 12:45	Jannis Gottwald: Classifying the activity states of small vertebrates using automated VHF telemetry
12:45 - 13:45	Lunch break Breakout session: Workshop by Wildlife Acoustics
Session 7: Other techniques for studying migratory bats	
13:45 - 14:00	Christian Voigt (Keynote): Migration of European bats assessed by stable isotopes
14:00 - 14:15	Yoval Werber: BATScan: A radar classification tool reveals large scale bat migration patterns
14:15 - 14:30	Martin Koch: Deployment of a novel ultra-low power position logger to track bat migration
14:30 - 14:45	Dina Dechmann: Sex-biased migration in the common noctule - a decade of results
14:45 - 15:00	Edward Hurme: Long-distance tracking reveals bat stopover site usage
15:00 - 15:15	Erin Westerhuis: Monitoring movement of individual bats using genomic DNA from scats
15:15 - 15:45	Coffee break
Session 8: Anthropogenic threats to daily and migratory movements	
15:45 - 16:00	Tena Elena: Wind farms fatalities of <i>Nyctalus lasiopterus</i> in Spain and its relationship with important conservation areas
16:00 - 16:15	Christine Reusch: Wind energy production leads to habitat loss for common noctule bats in Germany

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Session 8: ... continued	
16:15 - 16:30	Michelle Korn: Habitat use and spatial movements of Leisler's bats (<i>Nyctalus leisleri</i>)
16:30 - 16:45	Arshiya Bagheri Torbehbar: Does wildfire smoke affect summer foraging behaviour in endangered little brown bats?
Session 9: Poster presentations	
16:45 - 16:48	Cynthia Elizalde-Arellano: Nightly movements of hairy-legged vampire bats, <i>Diphylla ecaudata</i> in northern Mexico
16:48 - 16:51	Mohamed Habib: Reproductive of the Egyptian fruit bat (<i>Rousettus aegyptiacus</i>) in Egypt 2022
16:51 - 16:54	Annette Kohnen: Mating patterns, relatedness and population structure of the Leisler's bat (<i>Nyctalus leisleri</i>)
16:54 - 16:57	Yoshifumi Niga: Birdlike noctule <i>Nyctalus aviator</i> adapt echolocation to fast-flight open hunters capturing prey at high altitude
16:57 - 17:00	Eva Pavlovič: Short radiotelemetry study of foraging habitats of <i>Pipistrellus kuhlii</i> in Central Slovenia
17:00 - 17:03	Primož Presetnik: Foraging habitats of <i>Rhinolophus ferrumequinum</i> and <i>Myotis capaccinii</i> roosting in Škocjanske Caves (Škocjan, Slovenia)