

PROGRAMME OF THE 6TH INTERNATIONAL BERLIN BAT MEETING 2021

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

MONDAY 22.03.2021			
08:00	Opening of registration		
Start	End	Presenting author	Title of presentation
09:00	09:45	Felix Drexler (Institute of Virology, Charité Berlin, Germany)	Keynote: Bat coronaviruses (tentative title)
Session	Bat viruses Chair: Victor Corman (Institute of Virology, Charité Berlin, Germany)		
09:45	10:00	Tamika Lunn (Griffith University, Australia)	Spatial dynamics of pathogen transmission in communally roosting Pteropodids: Implications for bat-virus dynamics under anthropogenically induced ecological change
10:00	10:15	Anne Balkema-Buschmann (Friedrich Loeffler Institute, Germany)	<i>Rousettus aegyptiacus</i> fruit bats display characteristics of a reservoir host after experimental SARS-CoV-2 challenge
10:15	10:30	Ursula Perdrizet (Western College of Veterinary Medicine, Canada)	Eptesipoxvirus, evidence of viral pathology in bats
10:30	11:00	Coffee break	
Session	Poster presentations Chair: Tanja Straka (Technische Universität Berlin, Germany), Josepha Prügel (Leibniz Institute for Zoo and Wildlife Research, Germany)		
11:00	11:03	Sponsor presentation	Biomark
11:03	11:07	Joaquín Arroyo-Cabrales (Instituto Nacional de Antropología e Historia, Mexico)	Chiropteromorphic imagery on archaeological materials: Problems and analytical perspectives
11:07	11:11	Claire Boothby (Bat Conservation Trust, UK)	Bats in churches: Finding innovative solutions to reduce conflict
11:11	11:15	Niels de Zwarte (Natural History Museum Rotterdam, Netherlands)	Easy to miss: spatial and temporal dynamics in Common pipistrelle maternity roosts in an urban environment
11:15	11:19	Nurul-Ain Elias (Universiti Sains, Malaysia)	Urban Bats of Penang Island, Malaysia: Do They Play the Same Role in Ecosystem?
11:19	11:23	Nurul-Ain Elias (Universiti Sains, Malaysia)	Public Awareness on Bats: A Study among Moon Gate's Visitors in Penang Island, Malaysia
11:23	11:27	Lena Godlevska (Schmalhausen Institute of Zoology, NAS of Ukraine, Ukraine)	Revision of <i>Pipistrellus pygmaeus</i> and <i>Pipistrellus pipistrellus</i> distribution and breeding ranges
11:27	11:31	Andrea Koplitz-Weißgerber (LMU University of Munich, Germany)	Phenology of bat activity in stables
11:31	11:35	Katja Schönbächler (Bat Conservation Switzerland, Switzerland)	Emergency phone and emergency care centers: indispensable instruments for bat conservation?
11:35	11:39	Kieran O'Malley (University of Sussex, UK)	The use of acoustic monitoring as a means to detect the presence of colonies of the barbastelle bat (<i>Barbastella barbastellus</i>) within woodlands
11:39	11:43	Ioanna Salvarina (Aristotle University of Thessaloniki, Greece)	Bat activity in urban vs non-urban lake shores in Greece and the relation to the lake's ecological quality
11:43	11:47	Cecilia Sanchez (EcoHealth Alliance, USA)	Correlates of coronavirus and paramyxovirus infection in wild bats in China, 2010-2018
11:47	11:51	Aliaksei Shpak (National Academy of Sciences, Belarus)	Distribution of Western Barbastelle <i>Barbastellus barbastellus</i> (Schreber, 1774) in Belarus: old assumptions and new data.
11:51	11:55	Daniela Hamidović (Ministry of Economy and Sustainable Development, Institute for Environment and Nature, Croatia)	When and if humans and bats may share the same roost
11:55	11:59	Áron Péter (University of Agricultural Sciences And Veterinary Medicine of Cluj-Napoca, Romania)	New host species for the bat infecting <i>Polycromophilus murinus</i> from South-Eastern Europe
11:59	12:03	Anna Nele Herdina (Medical University of Vienna, Austria)	Resources for the communication of virological research to volunteers and the general public in bat conservation
12:03	12:07	Johanna Hurst (FrInaT GmbH, Germany)	Do forest-dwelling bats avoid wind turbines in forests? A case study on a colony of barbastelle bats (<i>Barbastella barbastellus</i>)
12:07	12:11	Charlotte Le Marquand (The Mammal Society, Guernsey)	What Ecobat Can Do For You
12:11	12:15	Dragoş Ştefan Măntoiu (Wilderness Research and Conservation, Romania)	Methods of reducing anthropogenic impact on urban bat populations (Bucharest, Romania): rescue, rehabilitation and habitat suitability models
12:15	12:19	Friedrich Oehme (BUND Naturschutz, Germany)	Acoustic Observation of Bat Population Habitats
12:19	12:23	Christine Reusch (Leibniz Institute for Zoo and Wildlife Research, Germany)	Spatial behaviour of common noctule bats in relation to wind turbines
12:23	12:27	Claude Steck (FrInaT GmbH, Germany)	Science and beyond – dynamic strategies and thorough communication for the conservation of forest bats

12:27	12:31	Han Li (University of North Carolina Greensboro, USA)	Do Covid-19 lockdowns alter urban bat temporal activity patterns? A case study in North Carolina, USA
Posters without presentation			
		Elias Bader (Stiftung Fledermausschutz, Switzerland)	The Swiss Bat Bioacoustics Group SBBG
		Enrico Bernard (Universidade Federal de Pernambuco, Brazil)	The Brazilian Bat Research Society
		Enrico Bernard (Universidade Federal de Pernambuco, Brazil)	Urban molossid are early birds: data from the Atlantic Forest in Brazil
		Anna Blomberg (University of Turku, Finland)	Winter activity of boreal bats in the Palearctic
		Gábor Árpád Czirják (Leibniz Institute for Zoo and Wildlife Research, Germany)	In sickness and in health: plasma proteomics of hibernating European and North American myotis bats
		Panagiotis Georgiakakis (University of Crete, Greece)	The Greek bat and cave fauna survey form for volunteers
		Zuzanna Hałat (Mammal Research Institute, Polish Academy of Sciences, Poland)	Male parti-coloured bats roost and forage in the human-influenced parts of the Białowieża Forest landscape
		Kim Krähenbühl-Künzli (Bat Conservation Switzerland, Switzerland)	Bat conservation based on education
		Manuela Manni Joss (Stiftung Fledermausschutz, Switzerland)	Live broadcast from the bat roost
		Vanessa Mata (CIBIO-InBIO, University of Porto, Portugal)	Exquisite taste: can bats contribute to biocontrol services of exotic eucalypt pests?
		Katarina Meramo (University of Helsinki, Finland)	The response of functional diversity of bat communities to anthropogenic disturbance in Caatinga ecoregion, northeastern Brazil
		Tiziana Trogu (Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia Romagna, Italy)	Investigation about arboviral infections in Bats in North Italy
		Christian Voigt (Leibniz Institute for Zoo and Wildlife Research, Germany)	Producing wind energy at the cost of biodiversity: A stakeholder view on a green-green dilemma
		Christian Voigt (Leibniz Institute for Zoo and Wildlife Research, Germany)	Movement responses of common noctule bats to the illuminated urban landscape
		Patrick Wright (University of Sussex, UK)	Identifying priority areas for conservation action for <i>Myotis bechsteinii</i> through spatial mapping of habitat suitability, connectivity and constraints
		Andreas Zahn (Koordinationsstelle für Fledermausschutz Südbayern, Germany)	Stables as foraging habitats of bats
You will find all posters in the digital conference proceedings. In addition, the posters will also be displayed on everybody's screen during the lunch breaks.			
12:31	13:30	Breakout session 1: Apodemus - Solutions for bat research	
12:31	13:30	Breakout session 2: Workshop by Wildlife Acoustics - Introduction to the Song Meter Mini Bat Detector	
12:31	13:30	Lunch break	
Session	Short presentations Chair: Christian Voigt (Leibniz Institute for Zoo and Wildlife Research, Germany)		
13:30	13:38	Anne Balkema-Buschmann (Friedrich Loeffler Institute, Germany)	Husbandry of <i>Rousettus aegyptiacus</i> and <i>Eidolon helvum</i> fruit bats and establishment of physiological parameters
13:38	13:46	Tiziana Trogu (Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia Romagna, Italy)	Results of the application of a surveillance plan for detecting viral agents in bats populations of North Italy
13:46	13:54	Amanda Vicente-Santos (Emory University, USA)	Should I stay or should I go? Cave-dwelling bats differential response to human disturbance
13:54	14:02	Enrico Bernard (Universidade Federal de Pernambuco, Brazil)	Long-term thermal monitoring reveals dynamic use of a bat cave in Brazil's Caatinga drylands
14:02	14:10	Shannon Currie (Leibniz Institute for Zoo and Wildlife Research, Germany)	The costs and limitations of maximal call intensities in echolocating bats
14:10	14:18	Isabel Sullivan (University of Maryland, USA)	Effects of hibernation on DNA methylation in the big brown bat (<i>Eptesicus fuscus</i>)
14:20	15:05	Jon Epstein (EcoHealth Alliance, USA)	Keynote: One health (tentative title)
Session	Bat health and one health Chair: Fabian Leendertz (Robert Koch Institute, Germany) and Kendra Phelps (EcoHealth Alliance, USA)		
15:05	15:20	Tamara Szentivanyi (Northern Arizona University, USA)	Global distribution of bat-associated bacterial pathogens
15:20	15:35	Diana Meza (University of Glasgow, UK)	A better understanding of the influence of multiple ecological factors on rabies persistence in vampire bats rabies in Peru
15:35	16:00	Breakout session: Apodemus - Solutions for bat research	

15:35	16:00	Coffee break	
16:00	16:15	Silke Riesle Sbarbaro (Robert Koch Institute, Germany)	Selective and high replication of <i>Zaire ebolavirus</i> amongst other filoviruses, in the Angolan free tailed bat (<i>Mops condylurus</i>)
16:15	16:30	Katarzyna Janik-Superson (University of Lodz, Poland)	Is bat guano dangerous? NGS-based bat guano microbiome metabarcoding studies
16:30	16:45	Maureen Kessler (Montana State University, USA)	Flying fox foraging behavior and spillover of Hendra virus
16:45	17:30	Tigga Kingston (Texas Tech University, USA)	Keynote: Covid-19 and bat conservation
Session	Human interventions Chair: Winifred Frick (Bat Conservation International, USA) and Herman Limpens (Dutch Mammal Society, The Netherlands)		
17:30	17:45	Winifred Frick (Bat Conservation International, USA)	Intervening to save endangered bat species
17:45	18:00	Hermann Limpens (Dutch Mammal Society, The Netherlands)	Conservation of bats in urban landscapes – an ecological or organisational challenge?
18:00	18:15	Lourdes Lobato (Universitat Autònoma de Barcelona, Spain)	Effects of forearm rings on the health of microbats: Preliminary results on <i>Carollia perspicillata</i>

TUESDAY 23.03.2021			
Start	End	Presenting author	Title of presentation
09:00	09:45	Kirsten Jung (Ulm University, Germany)	Keynote: Bats in anthropogenic landscapes
09:45	09:48	Sponsor presentation	Titley Scientific
Session	Bats in anthropogenic habitats Chair: Fiona Mathews (University of Sussex, UK) and Leonardo Ancillotto (University of Naples, Italy)		
09:48	10:03	Nor Amira Abdul Rahman (Eötvös Loránd University, Hungary)	The influence of angled smooth surfaces on bats' perception.
10:03	10:18	Denis Medinas (University of Évora, Portugal)	Hit the road Jane! Relatedness reveals a strong road effect on genetic connectivity for females lesser horseshoe bats
10:18	10:21	Sponsor presentation	Wildlife Acoustics
10:21	10:36	Vanessa Gorecki (Queensland University of Technology, Australia)	Roosting in road culverts: roost selection, roost availability and gene flow in a culvert roosting population of a trawling bat, the large-footed <i>Myotis (Myotis macropus)</i>
10:36	10:51	Domhnall Finch (University of Sussex, UK)	Assessing the impact of barriers to species movement at a landscape scale
10:51	11:15	Coffee break	
11:15	11:30	Attila D. Sándor (University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Romania)	Anthropogenic roost selection in cave-dwelling bat species: a role for parasites?
11:30	11:45	Max Anderson (University of Sussex, UK)	How do livestock management practices affect bats and their invertebrate prey?
11:45	12:00	Léa Mariton (Muséum national d'Histoire naturelle, France)	Impact of Artificial Light At Night (ALAN) on bat nycthemeral activity rhythm on their foraging sites
12:00	12:15	Kseniia Kravchenko (Leibniz Institute for Zoo and Wildlife Research, Germany)	Migratory behaviour and demographic structure of bats under distribution shift
12:15	12:30	Camille Leroux (Auddicé biodiversité & Muséum National d'Histoire Naturelle, France)	Combined aversive and attractive effects of wind turbines alter bat activity in relation to distance to hedgerows: Implications for safe sitting distance to wooded edges
12:30	13:30	Breakout session: Apodemus - Solutions for bat research	
12:30	13:30	Lunch break	
13:30	13:45	Matina Kalcounis-Rueppell (University of Alberta, Canada)	Landscape scale studies of urban and non-urban bat responses to water quality, time of night, and median household income, reveal species differences and ecological scaling
13:45	14:00	Charlotte Roemer (French Museum for Natural History, France)	Species traits influence anthropogenic collision risks with bats
14:00	14:15	Olga Heim (Doshisha University, Japan)	Light-weight GPS-loggers reveal the movement behavior of <i>Rhinolophus nippon</i> in semi-natural and anthropogenic landscapes of Japan
14:15	15:00	Susan Tsang (Biodiversitas Global, LLC, USA/ American Museum of Natural History, USA/ National Museum of the Philippines, Philippines)	Keynote: Flying fox hunting and trafficking: Opportunities for mitigating threats and challenges that lay ahead
Session	Wildlife Trafficking Chair: Susan Tsang and Tigga Kingston		

15:00	15:15	Tigga Kingston (Texas Tech University, USA)	Drivers of hunting of flying foxes in Southeast Asia
15:15	15:45	Breakout session: Apodemus - Solutions for bat research	
15:15	15:45	Coffee break	
15:45	16:30	Rudolf de Groot (Wageningen University, The Netherlands)	Keynote: Economic importance of bats: How taking better account of all the services, benefits and values of nature can help conservation and sustainable management
Session	Ecosystem services Chair: Ricardo Rocha (University of Porto, Portugal)		
16:30	16:45	Cullen Geiselman (Bat Eco-Interactions, USA)	Cataloguing bat ecological interactions across the globe: The bat eco-interactions database
16:45	17:00	Vanessa Mata (CIBIO-InBIO, University of Porto, Portugal)	Bats preying insect pests: a complex network of interactions revealed by DNA metabarcoding
17:00	17:15	Juliana Senawi (Universiti Kebangsaan, Malaysia)	Bats are important pollinators in new urban green spaces
17:15	17:30	Constance Tremlett (University of Southampton, UK)	The economic and ecological importance of bat pollination to the production of cactus fruits in Mexico
Session	Short presentations Chair: Tanja Straka (Technische Universität Berlin, Germany)		
17:30	17:38	Ján Blažek (Masaryk University, Czech Republic)	Bat ecological services: Consumption of pest caterpillars is more important than consumption of imagos
17:38	17:46	Diogo Ferreira (Research Centre in Biodiversity and Genetic Resources, Portugal)	Chocolate bats: Promoting sustainable cacao through bat ecosystem services
17:46	17:54	Jill Carpenter (LSA Associates, Inc., USA)	Bat use of culverts
17:54	18:02	Dave Johnston (H. T. Harvey & Associates/San Jose State University, USA)	Mitigating for noise near roosts based on noise frequency and species of bats
18:02	18:10	Cecilia Kruszynski (Leibniz Institute for Zoo and Wildlife Research, Germany)	Identifying migratory pathways of Nathusius' pipistrelles (<i>Pipistrellus nathusii</i>) using stable hydrogen and strontium isotopes
18:10	18:18	April McKay (Norwegian University of Life Sciences, Norway)	Foraging and roosting ecology of cryptic myotis at 59° North

Start	End	Presenting author	Title of presentation
09:00	09:45	Tanja Straka (Technische Universität Berlin, Germany)	Keynote: Human dimensions of bat conservation
Session	Human dimensions of bat conservation Chair: Joanna Coleman (National University of Singapore, Singapore)		
09:45	10:00	Ricardo Rocha (University of Porto, Portugal)	Human-bat interactions in rural southwestern Madagascar from a biocultural lens
10:00	10:15	Pia Lentini (The University of Melbourne, Australia)	Unpacking conflict at urban Australian flying-fox camps through a large-scale survey
10:15	10:30	Imran Ejotre (Humboldt University Berlin, Germany)	Baby steps to bat conservation in northern Uganda: Knowledge of and relations between bats and human communities
10:30	11:00	Coffee break	
11:00	11:15	Piia Lundberg (University of Helsinki, Finland)	Would you mind sleeping in the same room with a bat and does this depend on your knowledge and emotional evaluations towards bats?
11:15	11:30	Hannah Shapiro (University of Tennessee, USA)	U.S. national park visitor intentions towards white-nose syndrome preventative actions: An application of the theory of planned behavior
Session	Short presentations Chair: Christian Voigt		
11:30	11:38	Dave Johnston (H. T. Harvey & Associates/San Jose State University, USA)	Team 'Ōpe'ape'a: A Hawaiian middle school learns to do science and connect to their natural resources and culture
11:38	11:46	Ioanna Salvarina (Aristotle University of Thessaloniki, Greece)	Results and experience from a citizen science project investigating the effects of urbanization on bats in Greece
11:46	11:54	Kati Suominen (University of Helsinki, Finland)	Why citizens giving you sh*t is contributing to understanding bat ecology in Finland
11:54	12:02	Laura Brown (The Bat Conservation Trust, UK)	"I felt so privileged to help": The effect of rescuing a bat on public attitudes
12:02	12:10	Caterina Spiezio (Parco Natura Viva - Garda Zoological Park, Italy)	The thermal camera as tool to help protecting the Seychelles sheath-tailed bat (<i>Coleura seychellensis</i>): A pilot study
12:10	13:15	Breakout session: Apodemus - Solutions for bat research	

12:10	13:15	Lunch break	
13:15	14:00	Diogo Verissimo (University of Oxford, UK/ Institute for Conservation Research, San Diego Zoo Global, USA)	Keynote: Beyond Batman: Can conservation marketing save bats?
Session	Conservation marketing <i>Chair: Ewan Macdonald (University Oxford, UK)</i>		
14:00	14:15	Daniel Hargreaves (TriniBats, UK)	The Bats of Trinidad from vermin to protected species
14:15	14:30	Antoniya Hubancheva (Max Planck Institute for Ornithology, Germany)	Art and science: The win-win strategy that brings awareness and helps bats
14:30	15:00	Breakout session: Apodemus - Solutions for bat research	
14:30	15:00	Coffee break	
15:00	15:45	Heidi L. Ballard (University of California, USA)	Keynote: Engaging the public in science through community and citizen science: Designing for conservation science, stewardship, and learning
Session	Citizen science <i>Chair: Niamh Roche (Bat Conservation Ireland) and Daniel Lewanzik (Leibniz Institute for Zoo and Wildlife Research, Germany)</i>		
15:45	16:00	Yves Bas (Muséum national d'Histoire naturelle, France)	Citizens and machines monitoring bats together: Lessons from 13 years of acoustic monitoring in France
16:00	16:15	Stuart Newson (British Trust for Ornithology, UK)	Citizen science in the dark: Passive acoustic monitoring for the masses
16:15	16:30	Ella Browning (University College London, UK)	The impact of spatial biases on bat population trends: A case study using citizen science data
16:30	16:45	Daniel Lewanzik (Leibniz Institute for Zoo and Wildlife Research, Germany)	WTImpact - quantifying the citizen scientists' benefit when investigating habitat associations of urban wildlife
16:45	17:00	Jérémy Froidevaux (Museum National d'Histoire Naturelle, France)	Using citizen science program to disentangle anthropogenic and environmental factors driving bat activity: Implications for bat conservation
17:00	17:15	Closing words	
17:15		End of conference	

POST-CONFERENCE ONLINE WORKSHOP

THURSDAY 25.03.2021		
Time	End	Title
09:00	12:30	Post-conference online workshop: Conservation marketing Lecturers: Diogo Verissimo (University of Oxford, UK/ Institute for Conservation Research, San Diego Zoo Global, USA), Ewan Macdonald (University Oxford, UK)