

**1st International Bat Research Online Symposium:
Towards solving the wind energy-bat conflict
2nd November 2021**

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

08:00	Opening of the lobby for registered participants	
08:45 - 09:00	Christian Voigt (<i>Leibniz Institute for Zoo and Wildlife Research, Germany</i>): Welcome + housekeeping	
Keynote talks: Perspectives from Europe and Africa		
09:00 - 09:30	Fiona Mathews (<i>University of Sussex, UK</i>): Attraction of bats to wind turbines and its implications for planning policies	
09:30 - 09:32	Sponsor presentation: Wildlife Acoustics	
09:32 - 10:02	Christian Voigt (<i>Leibniz Institute for Zoo and Wildlife Research, Germany</i>): Bat-wind turbine interactions studied by GPS tracking of common noctules (<i>Nyctalus noctula</i>)	
10:02 - 10:05	Sponsor presentation: EcoObs	
10:05 - 10:30	Coffee break	
10:30 - 11:00	Christian Kerbiriou (<i>National Museum of Natural History, France</i>): Challenges of mitigating wind energy impacts on bats	
11:00 - 11:30	Kate MacEwan (<i>Western Ecosystems Technology, Inc., US</i>): Bats and wind energy development in Africa – where are we at in our understanding?	
Short presentations		
11:30 - 11:45	Dai Fukui (<i>University of Tokyo, Japan</i>): Current status of the bat-windfarm conflict in Japan and overview of an ongoing project	
11:45 - 12:00	Joe Chun-Chia Huang (<i>Formosa Natural History Information Ltd., Taiwan</i>): Wings over the oriental ocean: First report of bat activity in offshore wind farm candidate sites in Taiwan	
12:00 - 12:15	Antje Seebens-Hoyer (<i>NABU Mecklenburg-Vorpommern, Germany</i>): Bat migration over the German North and Baltic Sea	
12:15 - 13:15	Breakout session: Workshop by Wildlife Acoustics: Are you SMART about bats? A new detection system for windfarms	Lunch Break
Keynote talks: Perspectives from North and South America		
13:15 - 13:45	Winifred Frick (<i>Bat Conservation International, US</i>): Why evidence-based solutions are necessary but insufficient to resolve the threat of wind energy to bats in North America	
13:45 - 13:48	Sponsor presentation: Holohil	
13:48 - 14:18	Erin Baerwald (<i>University of Northern British Columbia, Canada</i>): Landscape features associated with bat fatalities at wind energy facilities in North America	
14:18 - 14:48	Enrico Bernard (<i>Universidade Federal de Pernambuco, Brazil</i>): Large improvements are needed in the environmental assessment of bats and wind energy in Brazil	
14:48 - 15:18	Armando Rodríguez-Durán (<i>Inter American University, Puerto Rico</i>): Wind energy and bats in the Caribbean Basin: Navigating in the dark	
15:18 - 15:21	Sponsor presentation: Titley Scientific	
15:21 - 15:45	Coffee break	

Short presentations	
15:45 - 16:00	Jonathan Aronson (<i>Camissa Sustainability Consulting, The Netherlands</i>): Current state of knowledge of wind energy impacts on bats in South Africa
16:00 - 16:15	Camille Leroux (<i>National Museum of Natural History - Auddicé biodiversité, France</i>): Does wind turbine lighting determine wind turbine effects on habitat use by bats?
16:15 - 16:30	Xavier Puig-Montserrat (<i>Natural Sciences Museum of Granollers, Spain</i>): Reference values of bat activity for environmental impact assessment
Poster presentations	
16:30 - 16:36	Charlotte Roemer (<i>National Museum of Natural History, France</i>): Bat migration routes in Europe: An acoustic venture
16:36 - 16:42	Emyo Fujioka (<i>Doshisha University, Japan</i>): Nightly movement behavior of the birdlike noctule <i>Nyctalus aviator</i> , measured by GPS bio-logging
16:42 - 16:48	Marina Perceval Camps (<i>Natural Science Museum of Granollers, Spain</i>): Knowledge gaps of the impact on fauna in the global deployment of wind energy
16:48 - 16:54	Sercan Alipek (<i>Goethe University Frankfurt, Germany</i>): Development of a bat call to background discrimination and bat species classification system based on convolutional neural networks: Performance analysis with measurements from the wind energy test site WINSENT
16:54 - 17:00	Winfried Rampe (<i>Verein Umwelt- und Naturschutz Hochsauerland e.V., Germany</i>): About bat monitoring to reduce the mortality at wind turbines
17:00 - 17:30	Discussion
17:30	Closing of the event