

Hearing in Penguins Closing Meeting Online, April 28-29th 2021



April 28th (15:00 – 17:45)

<https://meeresmuseum-de.zoom.us/j/86578426896?pwd=cHkzUDE4Skd1M0MxWmQ5UWo4VzJCZz09>

Meeting ID: 865 7842 6896, Passcode: 149407

- **15:00 – 15:05: Welcoming:** *Timo Moritz, Deutsches Meeresmuseum* (5 min.)
- **15:10 – 15:40: Plenary** (25 + 5 min.)
Introducing “Hearing in penguins” and audiograms; *Michael Dähne, Deutsches Meeresmuseum*
- **15:40 – 17:40 Audiograms to investigate hearing capacity** (each talk: 20 + 5 min.)
 - o The past (already-published studies)
15:40 – 16:10: Animal Audiogram Database; *Álvaro Ortiz Troncoso, Museum für Naturkunde Berlin*
 - o The present (data collected during the project)
16:10 – 16:40: Psychoacoustics to measure in air-audiograms in penguins; *Helen Rößler, Deutsches Meeresmuseum*
16:40 – 17:10: Aerial evoked potential audiograms in wild Alcids; *Aran Mooney, Woods Hole Oceanographic Institution*
 - o The future (technique to transpose to penguins)
17:10 – 17:40: A novel AEP-helmet to measure audiograms in birds; *Magnus Wahlberg, University of Southern Denmark*
- **17:40 – 17:45: Concluding remarks on audiograms;** *Michael Dähne, Deutsches Meeresmuseum* (5 min.)

April 29th (09:00 – 12:05)

<https://meeresmuseum-de.zoom.us/j/85821231847?pwd=ZjJuM0hBSVpmazJaSIBBTvd0YUdOZz09>

Meeting ID: 858 2123 1847, Passcode: 495132

- **09:00 – 09:30: Plenary** (25 + 5 min.)
Underwater noise in Antarctica; Christine Erbe, Curtin University
- **Other approaches used in penguin bioacoustics** (each talk: 20 + 5 min.)
 - o Morphology
09:30 – 10:00: Inner ear morphology of penguins; *Sylke Frahnert, Museum für Naturkunde Berlin*
 - o Behaviour
10:00 – 10:30: Underwater reactions of gentoo penguins; *Kenneth Sørensen, University of Southern Denmark*
10:30 – 11:00: Avoidance of seismic survey activities by penguins; *Lorien Pichegru, University of Cape Town*
11:00 – 11:30: Using bioacoustics to avoid penguin by-catch; *Boris Culik, F³: Forschung. Fakten. Fantasie*
- **Communicating about penguin bioacoustics and underwater noise** (20 + 5 min.)
11:30 – 12:00: Public relationships; *Cora Albrecht, Museum für Naturkunde Berlin*
- **12:00 – 12:05: Conclusion;** *Heike Herata, German Environment Agency* (5 min.)