

Tracking bird migration over the seas: Fundamental patterns and their applications for offshore wind farms



4-5 February 2019

Vertretung des Landes Schleswig-Holstein beim Bund
In den Ministergärten 8
10117 Berlin

Monday, 4 February 2019

- 12:00 *Welcome coffee, soup, registration*
- 13:00 **Stefan Garthe**
Welcome and introduction
- 13:10 **Henning von Nordheim**
Keynote of the Federal Agency for Nature Conservation
- 13:30 **Phil Taylor**
The Motus Wildlife Tracking network:
A collaborative network for the study of wildlife movement
- 14:20 **Vera Brust**
Songbird migration and offshore wind farms – a radiotelemetry approach
- 15:10 *Coffee break*
- 15:50 **Sander Lagerveld**
Coastal and offshore bat migration at the southern North Sea
- 16:30 **Tony Fox**
Waterbird migration and mounting human pressures: the importance of understanding population dynamics
- 17:20 **Volker Dierschke**
Bird migration crossing the German North Sea and collision risk at offshore wind farms: Can we predict periods of high sensitivity?
- 17:50 **Maren Rebke**
Long-term monitoring of nocturnal flight calls: Do migrating birds react to illuminated anthropogenic structures offshore?
- 18:20 *End of day 1*
- 18:40 *Social dinner*
- 21:00 *Conference building closes*

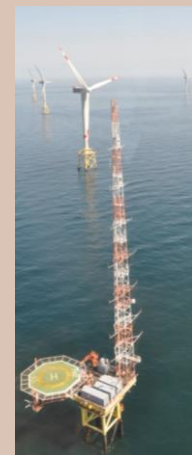
Tuesday, 5 February 2019

- 08:30 *Welcome coffee*
- 09:00 **Richard Phillips**
Individual foraging and movement strategies in seabirds
- 09:50 **Stefan Garthe**
Movements of seabirds and coastal birds: Long-distance migration, foraging flights and offshore wind farms
- 10:35 **Philipp Schwemmer**
Flight heights and spatio-temporal patterns of Curlew migration across North Sea and Baltic Sea
- 11:00 *Coffee break*
- 11:30 **Wolfgang Fiedler**
Trackers – Banders – Citizen Scientists: the interplay between animal tracking, bird ringing and the public in the example of White Stork tracking
- 12:10 **Stefan Garthe & Ommo Hüppop**
Final discussion and outlook
- 12:30 *End of conference, lunch break*

Further information and registration:

<http://www.ftz.uni-kiel.de/en/research-divisions/ecolab-marine-animal-ecology/bird-migration-conferences>

Bird migration and offshore wind farms: Do multi-sensor systems help to answer important knowledge gaps?



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|-------|--|-------|--|
| 13:30 | Reinhold Hill
Welcome and introduction | 15:45 | Abel Gyimesi
Measuring and predicting bird migration at rotor height |
| 13:40 | Manfred Zeiler
Keynote of the Federal Maritime and Hydrographic Agency of Germany | 16:05 | Henrik Skov
Multi-sensor system provides evidence of seabird avoidance and collision risk at offshore wind farms |
| 13:50 | Ralf Aumüller
Evidence and gaps in the study of bird-turbine interactions: Examples from the North Sea | 16:35 | Aonghais Cook
How can we use technology to better assess collision risk? |
| 14:10 | Sibylle Giraud
An outlook on the different generations of bird radars | 17:15 | Reinhold Hill & Markus Molis
Final discussion and outlook |
| 14:30 | Agustín Riopérez
DTBird, advantages and limitations for offshore bird monitoring and mortality mitigation | | |
| 14:50 | Jochen Bellebaum
Estimating collision risk and avoidance at off-shore wind farms with IR-sensitive cameras and advanced radars | | |
| 15:10 | <i>Coffee break</i> | | |

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