



BioMove Summer School

“Animal tracking methods and advanced data analyses”

October, 10th to 14th, 2016

Biological Station Gülpe (University of Potsdam)



We invite you to the BioMove Summer School “Animal tracking methods and advanced data analyses”. This summer school will combine some hands-on exercises in manual and automatic VHS telemetry, RFID-based tracking, GPS telemetry and accelerometry with an introduction into indirect tracking methods (e.g. stable isotope analysis). Moreover, we aim to extend your knowledge in spatial data analyses. Invited experts will present current research using various tracking systems and introduce latest technologies.

Invited experts:



Bram van Moorter
Norwegian Institute for Nature Research
Trondheim, Norway



Simon Ripperger
Natural History Museum
Berlin, Germany



Allert Bijleveld
Royal Netherlands Institute for Sea Research
Texel, The Netherlands



Christian Voigt
Leibniz-Institute for Zoo and Wildlife research
Berlin, Germany

Program

Monday, 10.10.2016	
13:00 – 14:00	Arrival and lunch
14:00 – 15:30	PhD students <i>Introduction in various tracking systems: advantages and disadvantages I</i> Wiebke Ullmann & Caroline Scholz – <i>GPS-tracking</i> Wiebke Ullmann – <i>Accerlerometry</i> Veronika Zeus – <i>Radio-frequency identification (RFID)</i>
15:30 – 16:00	Coffee break
15:30 – 18:00	PhD students <i>Introduction in various tracking systems: advantages and disadvantages II</i> Melanie Dammhahn – <i>VHF-tracking</i> Lisa Teckentrup & Cédric Scherer – <i>ATLAS</i>
Tuesday, 11.10.2016	
9:00 – 12:00	Simon Ripperger <i>An introduction into sensor networks for wildlife tracking and recent research</i>
12:00 – 13:30	Lunch Break
13:30 – 15:00	All participants <i>Short introductions</i>
15:00 – 15:30	Coffee break
15:30 – 17:00	Christian Voigt <i>Stable isotopes</i>
Wednesday, 12.10.2016	
9:00 – 12:00	Jana Eccard <i>Introduction and hands-on automated VHF-tracking</i>
12:00 – 13:30	Lunch break
13:30 – 15:00	Bram van Moorter <i>Research talk</i>
15:00 – 15:30	Coffee break
15:30 – 18:00	<i>Playing with own data</i>
Thursday, 13.10.2016	
9:00 – 12:00	Bram van Moorter <i>Movement and home range analyses</i>
12:00 – 13:30	Lunch break
13:30 – 15:00	Allert Bijleveld <i>Research talk and system introduction</i>
15:00 – 15:30	Coffee break
15:30 – 18:00	<i>Playing with own data</i>
Friday, 14.10.2016	
9:00 – 12:00	Bram van Moorter <i>Habitat selection</i>
12:00 – 13:30	Lunch break
14:00	End

Location

The summer school will take place in western Brandenburg in the Havelland at the Biological Station Gülpe of the University of Potsdam (<http://www.uni-potsdam.de/ibb/standorte/station-guelpe>). See also maps below.

Accommodation

At the station we have simple shared (2-4 persons) rooms. Please bring your own bed linen, sleeping bag and pillow.

How to get to Gülpe?

By train & bus

The closest train station is in Rathenow. Get to Berlin main station and take the local train (RE) to Rathenow (ca. 60 min). We will organize a shuttle to pick you up. Otherwise take the bus 683 (30 min) to Gülpe or bus 684 to Prietzen and we pick you up at the bus station. **Please let us know as soon as possible where you will arrive when!** In case of delays, you find my mobile phone number below.

By car

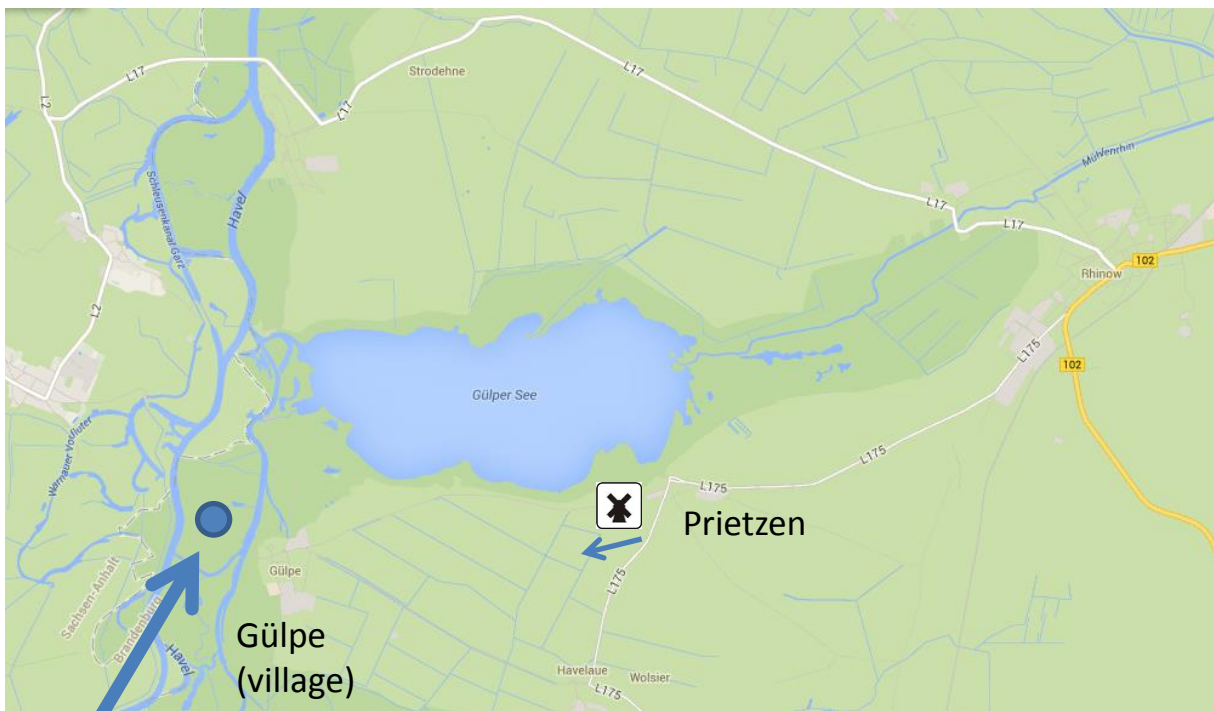
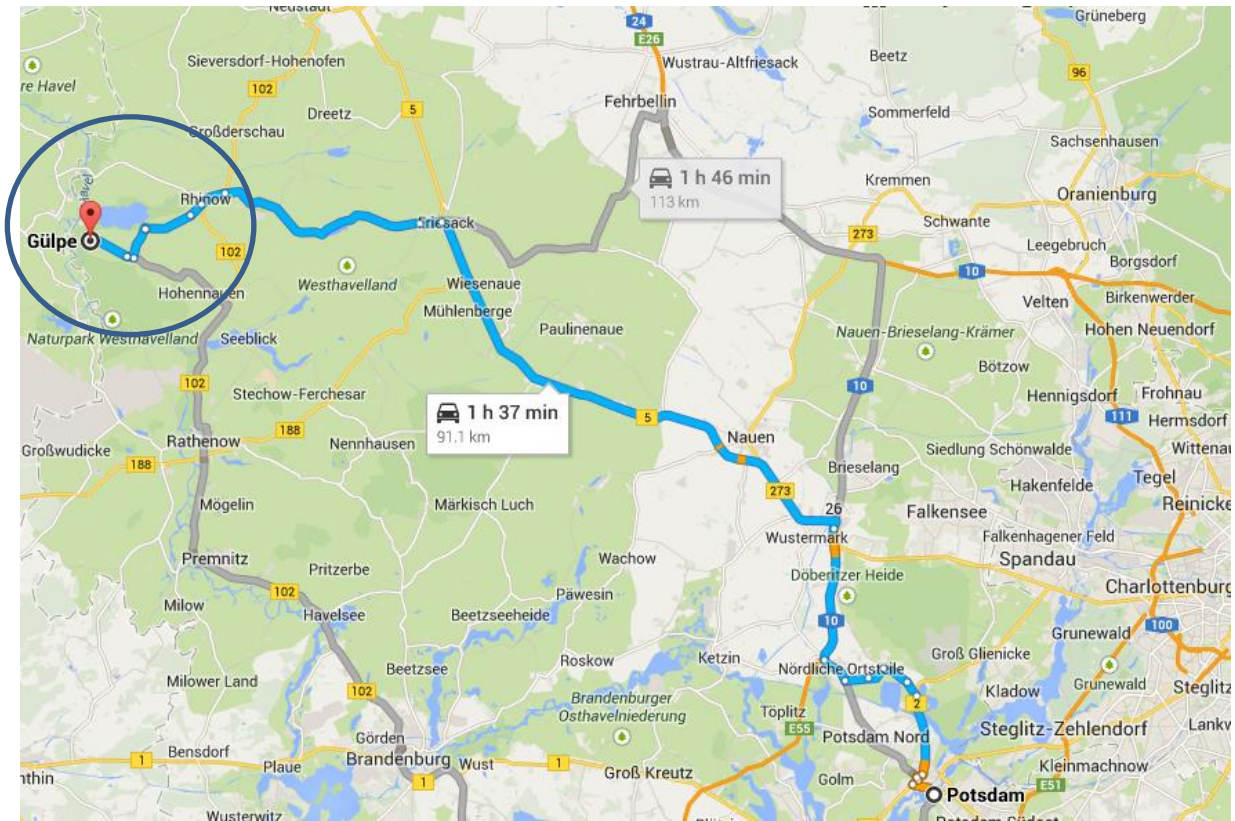
If you come from the north, take the A24 and get off at Fehrbellin and head west (direction Rathenow) until Prisack – Rhinow – Gülpe (Village). If you come from the South, East and West get to the A10 (Berliner Ring) and get off at Berlin/Spandau, take the B273 and B5 (direction Wustermark /Nauen) until Prisack, turn left/west direction Stölln/Rhinow and follow the 102 to Rhinow, keep right toward Prietzen (L175), in Prietzen turn right (“An der Mühle”) and follow small road along the lake to Gülpe (Village). In the village there is small sign “Biologische Station Gülpe” (road left of the church), follow this one over the bridge... and you see the building on the island.

See you soon in Gülpe!

Melanie Dammhahn, Antje Herde, Niels Blaum, Jana Eccard

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Biological station Gülpe