Current Workshop

To find out more about future workshops please visit our Future Workshops page. Participants of the past workshops, or anyone interested in using them, can find course materials on our Past Workshops page.

"Analysis of data from high-resolution biologging tags"

Location: World Marine Mammal Conference, Barcelona

Venue: Room 129 (P1 level), Centre Convencions Internacional Barcelona (CCIB)

Date: Sunday 8 December 2019

Status: Full

Support

We are grateful to The Company of Biologists and the University of St Andrews for grants supporting this workshop, and the US Office of Naval Research for supporting development of the tag tools.

Materials for Workshop Participants

Software

Participants should have their own machine with either **R**, **Matlab**, or **Octave** installed. We assume a basic familiarity with at least one of the three platforms. R users may also want to install RStudio as an interface to R.

- R and RStudio are both free to download.
- Matlab is paid software that requires a license.
- Octave, which works very similarly to Matlab, is also free to download.

Workshop Bundle

All materials for the WMMC workshop (tools, lecture slides, practicals, and example datasets) are bundled together as a zip archive.

- Current development versions of tools are also available in our TagTools github repo
- Matlab users should add the file
  nearest.m
  to their matlab tool folder!

Post-Workshop Survey

At the close of the workshop, a satisfaction survey for participants will be linked here.

Workshop Agenda:

- 08:30-09:00: Brief introduction of the presenters and of the participants.
- 9:00-10:00: Topic 1: Organizing tag data and metadata in archive-ready format.
- 10:00-10:30 Coffee break.
- 10.30-11.00 Topic 1 continuation.
- 11:00-12:30 Topic 2: Sensors, calibration and orientation (tag frame to animal frame).
- 12.30-14:00 Lunch break
- 14:00-15:00 Topic 3: Measuring movement: an introduction to the different products of acceleration, low, medium and high frequency accelerations.
- 15:00-15:30 Coffee break
- 15:30-16:30 Topic 3 continuation.
- 16:30-17:30 Topic 4. Dead-reckoning and analytical methods.
- Wrap up and beer-discussion outside the venue, location TBD.

Register Interest in future workshops

We may consider organizing further courses in the future. Details any planned events will be posted here. We will also send out details of future events to everyone on our mailing list. To join the mailing list and register your interest in future events, please complete the form at https://creem2.st-andrews.ac.uk/analysis-of-data-from-high-resolution-animal-borne-tags-workshop/

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http://animaltags.org/ - **Animal Tag Tools Wiki**

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