

Dipl.-Biol. Dr. Jens C. Koblitz

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Jens.Koblitz@bioacousticsnetwork.org

Education

- University of Tübingen, Germany Sept. 2006-Nov. 2015
- Ph. D. Thesis: Studying the biosonar of bats and porpoises using multi receiver arrays
- University of Tübingen, Germany Dec. 2005-July 2006
- M.Sc. Thesis: Sonar beam characteristics and scanning behavior of the big brown bat (*Eptesicus fuscus*) during landing
- University of Konstanz, Germany Oct. 2001-July 2006
- Major: Biology
- University of Guelph, Canada Sept. 2003-Apr. 2004
- Academic exchange, Major: Marine and freshwater biology

Research and work experience

- Freelance Bioacoustician** Jan.2015-present
BioAcoustics Network, Germany
- Used multi-receiver arrays to record bats and toothed whales in the wild
 - Analyzed large acoustic datasets (acoustic localization and measurements of sonar parameters)
 - Acoustic monitoring of bats and toothed whales
- Research Associate** Jan.2011-Dec. 2014
German Oceanographic Museum, Stralsund, Germany
- National SAMBAH coordinator
 - Designed and used a multi-receiver array to record toothed whales in the wild
 - Combined basic research on bioacoustics and static acoustic monitoring
- Graduate Research Assistant** Sept. 2006-Dec. 2010
Animal Physiology, University of Tübingen, Germany
- Developed and calibrated acoustic recording equipment for recordings in air and underwater
 - Recorded bats and porpoises using a 16 receiver array
 - Programmed Matlab algorithms to position animals and derive sonar beam characteristics
- Intern** Nov. 2006 and June-Aug. 2004
Cascadia Research Collective, Washington, USA
- Designed and programmed a computer-assisted-matching-database for humpback whales
 - Collaborated on line-transect and small-boat surveys, including marine mammal identification, taking photo ID's and data recording
 - Assisted in taking biopsies and deploying acoustic- and TDR-tags
- M.Sc. Student** Dec. 2005-July 2006
Department of Animal Physiology, University of Tübingen, Germany
- Trained bats for experiments in echolocation
 - Synchronized video and ultrasound recordings, using a 16-microphone array and a stereo infrared camera system
 - Programmed, modified and used MATLAB routines for digital signal and 3D movement analysis

Research Assistant

May-July 2005

Department of Biology, University of Konstanz, Germany

- Extracted DNA from ancient and fresh fish tissue samples
- Performed PCR, purified and sequenced nuclear- and mtDNA
- Processed data using software for multiple sequence alignment and phylogenetic analyses

Research Assistant

Sept. 2003-May 2004

University of Guelph, Canada

- Successfully developed and ran experiments on anti-predator behavior in fish
- Conducted boat electrofishing for sample collection
- Designed lab setup and executed detailed behavior recording

Field experience (9 field trips, 5 as (Co-) PI, 24 weeks, between 18° N and 70° N)

- Bats: Mexico (3 weeks, 2008), Switzerland (1 week, 2008)
- Toothed whales: Iceland (Co-PI, 3 weeks, 2015, 2016), Azores (Co-PI, 5 weeks, 2015), Denmark (PI, 4 weeks, 2013), Greenland (3 weeks, 2013), Wales (Co-PI, 3 weeks, 2012), Hawaii (2 weeks, 2006)

Publication Metrics

- Publications: 15 peer-reviewed, 3 non-peer reviewed
- Presentations: 17 invited, 29 oral, 17 poster
- Google scholar: 117 citations, h-index: 6
- Web of science: 88 citations, h-index: 6

Teaching experience

- Introduction to Bat Bioacoustics, Workshop by the SBBG, Switzerland, 2016
- Marine acoustics seminar, Moss Landing Marine Labs, USA, 2014
- Workshops on Bioacoustics, German Oceanographic Museum, Germany, 2011 and 2012
- Introduction to Bioacoustics, FTZ Westküste, Büsum, Germany, 2011
- International PhD Course "Acoustic communication", Graduate School SNAK, Denmark, 2009
 - Lecture on the Identification of bats in the field
 - Practical on the directionality of loudspeakers
 - Bat excursion
- Graduate courses, University of Tübingen, Germany, 2007-2009
 - Student research projects in Animal Physiology
 - Bioacoustic field course with student research projects
- Workshops on marine mammals. "Dolphin Summer Camp", Inverness, Scotland, 2005
- Teaching Assistant for a graduate course on Microbial Evolution, University of Konstanz, Germany 2005

Co-supervised student theses

- Götze, S. MSc thesis. 2012. Interindividual interactions of hunting pipistrelle bats (*Pipistrellus pipistrellus*) [in German]
- Schaffeld, T. BSc thesis. 2011. Investigating the foraging behavior of porpoises (*Phocoena phocoena*) in selected areas of the Baltic Sea using static passive acoustic monitoring [in German]

Society memberships

- Acoustical Society of America, Society for Marine Mammalogy, European Cetacean Society, Swiss Bat Bioacoustics Group

Conferences and workshops organized

- Workshop on “Calibration of Click detectors”, German Oceanographic Museum, Stralsund, 2011
- Workshop on “Acoustic Localization of Echolocating Mammals”, Kerteminde, Denmark, 2009
- Lakeshores 2003 Conference, Konstanz, Germany, 2003

Scholarships, travel grants and awards

- Travel grants from the Reinhold-and-Maria-Teufel-Foundation to attend conferences in Prague, Kyoto, Paris, Egmond aan Zee, 2008-2010
- Travel grant from the Graduate School on Sense organs, Nerve systems, Behaviour and Communication (SNAK) for a research visit at Fjord&Bælt, Kerteminde, Denmark, Oct. 2008
- Travel grant from the Reinhold-and-Maria-Teufel-Foundation for a research visit at Fjord&Bælt, Kerteminde, Denmark, Dec. 2007 and Sept. 2008
- Best Student Talk, European Cetacean Society Conference, Egmond aan Zee, Netherlands, 2008
- Travel grant from the Reinhold-and-Maria-Teufel-Foundation to attend PhD course “Acoustic Communication”, Denmark, 2006
- Scholarship from the “Landesstiftung Baden-Württemberg” to study at the University of Guelph, Canada, Sept. 2003-Apr. 2004

Reviewer

- PLoS ONE, Journal of the Acoustical Society of America, Marine Mammal Science

Press

- Research on whales covered by national and international TV (Arte, ARD, ZDF, NDR), newspaper (FAZ, SZ, Ostseezeitung) and radio (SWR, NDR, MDR, Deutschlandradio)

Other work and volunteer experience

Canoe Guide 2001-2008

Sweden and Germany

- Independently guided ecologically-focused canoe tours in Sweden and Germany with 24 participants of all ages

Rowing Coach 1999-2012

Düsseldorf, Konstanz, Tübingen, Stralsund, Germany

- Coached children and adults between the ages of 10 and 40
- Supervised daily work-outs and kept rowers focused and motivated

Other achievements and interests

- Fluent in English and German, basic Danish, Spanish and French
- Standard First Aid certified, lifeguard trained, motor boat license
- Excellent computer and programming skills in: MATLAB, SPSS, MS Office
- Interests: competitive rowing for 20 years, marathon running, camping, photography, sailing

Peer-reviewed publications [4 first author, 11 co-author]

- [Koblitz, J.C.](#), P. Stilz, M.H. Rasmussen, K.L. Laidre. 2016. **Highly directional sonar beam of narwhals (*Monodon monoceros*) measured with a vertical 16 hydrophone array.** PLoS ONE 11(11): e0162069
- Gonzalez-Terrazas, T.P., [J.C. Koblitz](#), T.H. Fleming, R.A. Medellín, E.K.V. Kalko, H.-U. Schnitzler, M. Tschapka. 2016. **How nectar-feeding bats localize their food: echolocation behavior of *Leptonycteris yerbabuena* approaching cactus flowers.** PLoS ONE 11(9): e0163492
- Götze, S., [J.C. Koblitz](#), A. Denzinger, H.-U. Schnitzler. 2016. **No evidence for spectral jamming avoidance in echolocation behavior of foraging pipistrelle bats.** Scientific Reports. 6, 30978
- Mikkelsen, L., F.F. Rigét, L.A. Kyhn, R. Dietz, S. Sveegaard, J. Tougaard, J.A.K. Carlström, I. Carlén, [J.C. Koblitz](#), J. Teilmann. 2016. **Comparing distribution of harbour porpoises (*Phocoena phocoena*) derived from satellite telemetry and passive acoustic monitoring.** PLoS ONE 11(7): e0158788
- Schaffeld, T., S. Bräger, A. Gallus, M. Dähne, K. Krügel, A. Herrmann, M. Jabbusch, T. Ruf, U.K. Verfuß, H. Benke, [J.C. Koblitz](#). 2016. **Diel and seasonal patterns in acoustic presence and foraging behaviour of free-ranging harbour porpoises.** Marine Ecology Progress Series. 547, 257-272
- Seibert, A.-M., [J.C. Koblitz](#), A. Denzinger, H.-U. Schnitzler. 2015. **Bidirectional echolocation in the bat *Barbastella barbastellus*: Different signals of low source level are emitted upward through the nose and downward through the mouth.** PLoS ONE 10(9): e0135590
- Rasmussen, M.H., [J.C. Koblitz](#), K.L. Laidre. 2015. **Buzzes and high frequency broad band clicks recorded from narwhals (*Monodon monoceros*) at their wintering feeding ground.** Aquatic Mammals. 41 (3), 256-264
- Sveegaard, S., A. Galatius, R. Dietz, L. Kyhn, [J.C. Koblitz](#), M. Amundin, J. Nabe-Nielsen, M.-H.S. Sinding, L.W. Andersen, J. Teilmann. 2015. **Defining management units for cetaceans by integrating genetics, morphology, acoustics and satellite tracking.** Global Ecology and Conservation. 3, 839-850
- Wisniewska, D.M., J.M. Ratcliffe, K. Beedholm, C.B. Christensen, M. Johnson, [J.C. Koblitz](#), M. Wahlberg, P.T. Madsen. 2015. **Range-dependent flexibility in the acoustic field of view of echolocating whales.** eLife 2015;10.7554/eLife.05651
- Benke, H., S. Bräger, M. Dähne, A. Gallus, S. Hansen, C.G. Honnef, M. Jabbusch, [J.C. Koblitz](#), K. Krügel, A. Liebschner, I. Narberhaus, U.K. Verfuß. 2014. **Baltic Sea harbour porpoise populations: Status and conservation needs derived from recent survey results.** Marine Ecology Progress Series. 495, 275-290
- Seibert, A., [J.C. Koblitz](#), A. Denzinger, H.-U. Schnitzler. 2013. **Scanning behavior in echolocating common pipistrelle bats (*Pipistrellus pipistrellus*).** PLoS ONE 8(4): e60752
- [Koblitz, J.C.](#), M. Wahlberg, P. Stilz, P.T. Madsen, K. Beedholm, H.-U. Schnitzler. 2012. **Asymmetry and dynamics of a narrow sonar beam in an echolocating harbor porpoise.** Journal of the Acoustical Society of America. 131 (3), 2315-2324
- [Koblitz, J.C.](#), P. Stilz, W. Pflästerer, M. Melcón, H.-U. Schnitzler. 2011. **Source level reduction and sonar beam aiming in landing big brown bats (*Eptesicus fuscus*).** Journal of the Acoustical Society of America. 130 (5), 3090-3099
- [Koblitz, J.C.](#), P. Stilz, H.-U. Schnitzler. 2010. **Source levels of echolocation signals vary in correlation with wing beat cycle in landing Big Brown bats (*Eptesicus fuscus*).** Journal of Experimental Biology. 213, 3263-3268

- Robinson, B.W., A.J. Januszkiewicz, [J.C. Koblitz](#). 2008. **Survival benefits and divergence of predator-induced behavior between pumpkinseed sunfish ecomorphs**. Behavioral Ecology. 19 (2), 263-271

Reports and non-peer reviewed publications

- Brundiens, K., M. Dähne, A. Gallus, M. Jabbusch, [J.C. Koblitz](#), M. Kost, P. Stiliz, H. Benke. 2015. **Comparison of static acoustic monitoring methods for harbour porpoises and other odontocete species** Final report to the Federal Ministry for Economic Affairs and Energy
- [Koblitz, J.C.](#), K. T. Clausen, A. Gallus, S. Hansen, K. Brundiens, M. Kost, H. Benke. 2013. **SAMBAH Final report. The German contribution of harbor porpoise registrations in the Baltic Sea east of the Darss Sill as part of the SAMBAH-Project**. Final report to the Federal Agency for Nature Conservation
- [Koblitz, J.C.](#) 2012. **The Baltic Sea Harbour Porpoise (*Phocoena phocoena*): What do we know and what do we need to know?** In: Progress in Marine Conservation in Europe 2012: Proceedings of the Symposium Stralsund, Germany 18 - 22 June 2012. Eds.: von Nordheim, H., K. Maschner, K. Wollny-Goerke. BfN-Skripten 339. Federal Agency for Nature Conservation, Bonn, Germany, pp. 343-348. ISBN 978-3-89624-074-3

Invited presentations

- University of Bern, Switzerland, October 2016
- 3rd Whale Congress, Husavik, Iceland, June 2016
- Federal Institute for Forest, Snow and Landscape Research, Birmensdorf, Switzerland, May 2016
- University of Cologne, Cologne, Germany, January 2015
- Scripps Institution of Oceanography, La Jolla, USA, October 2014
- Pacific Islands Fisheries Science Center, Honolulu, USA October 2014
- Moss Landing Marine Laboratories, Moss Landing, USA, October 2014
- Hatfield Marine Science Center, Newport, USA, September 2014
- APL, University of Washington, Seattle, USA, May 2014
- University of Washington, Seattle, USA, May 2014
- STUKplus Conference, Berlin, Germany, October 2013
- 16th Annual meeting of the German Audiology Society, Rostock, Germany, February 2013
- Kiel University, Kiel, Germany, November 2012
- 3rd PMCE Conference, Stralsund, Germany, June 2012
- Ludwigs Maximilian University Munich, Munich, Germany June 2012
- MPI for Ornithology Seewiesen, Seewiesen, Germany, June 2012
- University of Windsor, Windsor, Canada, December 2006

Talks at conferences [14 as presenting author, 15 as co-author]

- [Koblitz, J.C.](#), P. Stiliz, L. Steiner, M.H. Rasmussen. 2016. **Echolocation parameters of toothed whales measured at sea**. 4th Joint Meeting of the Acoustical Society of America and the Acoustical Society of Japan. Honolulu, USA
- [Koblitz, J.C.](#), P. Stiliz. 2016. **Challenges of acoustic monitoring of bats—A biosonar perspective**. 4th Joint Meeting of the Acoustical Society of America and the Acoustical Society of Japan. Honolulu, USA
- Rasmussen, M.H., [J.C. Koblitz](#), P. Stiliz. 2016. **Echolocation behavior of the Icelandic white-beaked (*Lagenorhynchus albirostris*) dolphins: Now and then**. 4th Joint Meeting of the Acoustical Society of America and the Acoustical Society of Japan. Honolulu, USA
- [Koblitz, J.C.](#), K. Brundiens, M. Kost, L. Burt, L. Thomas, J. Macaulay, C. Malinka, C. T. Ljungqvist, L. Mikkelsen, P. Stiliz, H. Benke. 2015. **Determinants for the detection function of passive acoustic data loggers**. 7th International Workshop on Detection, Classification, Localization, and Density Estimation of Marine Mammals using Passive Acoustics, La Jolla, USA
- [Koblitz, J.C.](#), P. Stiliz, J. MacAulay, K. Laidre, H. Benke. 2015. **MALTA-Microphone array localization tool for animals**. 29th Annual Conference of the European Cetacean Society. St. Julians, Malta
- Carlström, J., M. Amundin, L. Thomas, I. Carlén, [J.C. Koblitz](#), J. Teilmann, J. Tougaard, N. Tregenza, D. Wennerberg, O. Loisa, K. Brundiens, M. Kosecka, L.A. Kyhn, C.T. Ljungqvist, S. Sveegaard, L. Burt, I. Pawliczka, I. Jussi, R. Koza, B. Arciszewski, A. Galatius, M. Jabbusch, J. Laaksonlaita, S. Lyytinen, J. Niemi, A. Šaškov, V. Yermakovs, J. MacAuley, A. Wright, A. Gallus, H. Benke, P. Blankett, K. Skóra, I. Trukhanova. 2015. **Heard but not seen: sea-scale acoustic survey shows that the Baltic Sea harbour porpoise is not extinct**. 29th Annual Conference of the European Cetacean Society. St. Julians, Malta
- [Koblitz, J.C.](#), M. Wahlberg, P. Stiliz, J. MacAulay, S. Götze, A.-M. Seibert, K. Laidre, H.-U. Schnitzler, H. Benke. 2014. **Arrayvolution - An overview of array systems to study bats and toothed whales**. 168th Meeting of the Acoustical Society of America. Indianapolis, USA
- [Koblitz, J.C.](#), M. Amundin, J. Carlström, L. Thomas, I. Carlén, J. Teilmann, N. Tregenza, D. Wennerberg, L. Burt, L. Kyhn, S. Svegaard, R. Koza, M. Kosecka, I. Pawliczka, C.T. Ljungqvist, K. Brundiens, A. Wright, L. Mikkelsen, J. Tougaard, O. Loisa, A. Galatius, I. Jüssi, J. MacAulay, H. Benke. 2014. **Large-scale static acoustic survey of a low-density population—Estimating the abundance of the Baltic Sea harbor porpoise**. 168th Meeting of the Acoustical Society of America. Indianapolis, USA
- Carlén, I., J. Carlström, L. Thomas, M. Amundin, J. Teilmann, [J.C. Koblitz](#), N. Tregenza, D. Wennerberg, L. Kyhn, S. Svegaard, , R. Koza, M. Kosecka, I. Pawliczka, C.T. Ljungqvist, K. Brundiens, A. Wright, L. Mikkelsen, J. Tougaard, O. Loisa, A. Galatius, I. Jüssi, H. Benke. 2014. **Estimating the abundance and distribution of the Baltic Sea harbour porpoise – Large-scale static acoustic survey of a low-density cetacean population**. Spatial Ecology and Conservation 2, Birmingham, UK
- [Koblitz, J.C.](#), K. Brundiens, M. Kost, L. Burt, L. Thomas, J. MacAulay, C.T. Ljungqvist, L. Mikkelsen, P. Stiliz, H. Benke. 2014. **Determining the detection function of passive acoustic data loggers for porpoises using a large hydrophone array**. 167th Meeting of the Acoustical Society of America. Providence, USA
- Brundiens, K., M. Kost, L. Burt, L. Thomas, J. MacAulay, C.T. Ljungqvist, L. Mikkelsen, P. Stiliz, H. Benke, [J.C. Koblitz](#). 2014. **Detection functions of C-PODs: Determining the probability of detecting harbor porpoises using a large hydrophone array**. 28th Annual Conference of the European Cetacean Society. Liege, Belgium

- Carlström, J., L. Thomas, M. Amundin, J. Teilmann, [J.C. Koblitz](#), N. Tregenza, I. Carlén, D. Wennerberg, L. Kyhn, S. Svegaard, R. Koza, M. Kosecka, I. Pawliczka, C.T. Ljungqvist, K. Brundiers, L. Mikkelsen, J. Tougaard, O. Loisa, A. Galatius, I. Jüssi, H. Benke. 2014. **Large-scale static acoustic survey of a low-density population – estimating the abundance of the Baltic Sea harbour porpoise.** 28th Annual Conference of the European Cetacean Society. Liege, Belgium
- Carlström, J., L. Thomas, M. Amundin, J. Teilmann, [J.C. Koblitz](#), N. Tregenza, I. Carlén, L. Kyhn, S. Svegaard, D. Wennerberg, R. Koza, M. Kosecka, I. Pawliczka, C.T. Ljungqvist, L. Mikkelsen, J. Tougaard, A. Galatius, O. Loisa, I. Jüssi, H. Benke. 2013. **Large-scale static acoustic survey of a low-density population – estimating the abundance of the Baltic Sea harbour porpoise.** 20th Biennial Conference on the Biology of Marine Mammals. Dunedin, New Zealand
- Svegaard, S., J. Teilmann, A. Galatius, L.A. Kyhn, R. Dietz, [J.C. Koblitz](#), M. Amundin. 2013. **Integrating genetics, morphology, acoustics and satellite telemetry in population management of harbour porpoises.** 20th Biennial Conference on the Biology of Marine Mammals. Dunedin, New Zealand
- Gonzalez-Terrazas, T.P., R. Simon, [J.C. Koblitz](#), M. Tschapka, T. Fleming, R. Medellín, H.-U. Schnitzler, E.K.V. Kalko. 2013. **What Makes a Flower a Flower: The Bat Perspective.** 16th International Bat Research Conference. San Jose, Costa Rica
- Götze, S. [J.C. Koblitz](#), H.-U. Schnitzler, A. Denzinger. 2013. **3D-Flight path reconstruction and echolocation behavior in *Pipistrellus pipistrellus* flying together do not indicate jamming avoidance.** 16th International Bat Research Conference. San Jose, Costa Rica
- Seibert, A.-M., [J.C. Koblitz](#), A. Denzinger, H.-U. Schnitzler. 2013. **Using a 16 Microphone Array to Study the Scanning Behavior of *Pipistrellus pipistrellus* in the Field.** 16th International Bat Research Conference. San Jose, Costa Rica
- Nuuttila, H. K. Brundiers, L. Thomas, W. Courteney-Jones, P.G.H. Evans, J.R. Turner, J.D. Bennell, H. Benke, J.G. Hiddink, [J.C. Koblitz](#). 2013. **Playback experiments to estimate the detection range of a click logger.** 27th Annual Conference of the European Cetacean Society. Setubal, Portugal
- Bräger, S., H. Benke, M. Dähne, A. Gallus, S. Hansen, C.G.Honnef, [J.C. Koblitz](#), K. Krügel, A. Liebschner, I. Narberhaus, U.K.Verfuß. 2013. **A decade of acoustic monitoring in the Baltic Sea: Status and area use of two populations of harbour porpoises.** 27th Annual Conference of the European Cetacean Society. Setubal, Portugal
- [Koblitz, J.C.](#), M. Wahlberg, P. Stilz, P. T. Madsen, H.-U. Schnitzler. 2012. **The sonar beam characteristics and scanning behaviour of harbour porpoises during prey capture.** 26th Annual Conference of the European Cetacean Society. Galway, Ireland
- [Koblitz, J.C.](#), P. Stilz, H.-U. Schnitzler. 2010. **Source levels of echolocation signals vary in correlation with wing beat cycle in landing Big Brown bats (*Eptesicus fuscus*).** 15th International Bat Research Conference. Prague, Czech Republic
- Seibert, A.-M., [J.C. Koblitz](#), H.-U. Schnitzler. 2010. **The scanning behaviour of free ranging Barbastelle bats (*Barbastella barbastellus*).** 15th International Bat Research Conference. Prague, Czech Republic
- Gonzalez-Terrazas, T.P., [J.C. Koblitz](#), M. Tschapka, T. Fleming, R. Medellín, H.-U. Schnitzler, E.K.V. Kalko. 2010. **Echolocation behaviour of the nectar-feeding bat *Leptonycteris yerbabuena* approaching natural and modified flowers.** 15th International Bat Research Conference. Prague, Czech Republic

- [Koblitz, J.C.](#), P. Stilz, W. Pflästerer, M. Wahlberg, P.T. Madsen, A.-M. Seibert, H.-U. Schnitzler. 2009. **Studying the source levels, beam characteristics and scanning behaviour of free ranging bats and toothed whales using a two dimensional array of 16 receivers.** Workshop at the 5th Animal Sonar Symposium. Kyoto, Japan
- [Koblitz, J.C.](#), M. Wahlberg, P.T. Madsen, P. Stilz, H.-U. Schnitzler. 2008. **Two dimensional sonar beam characteristics of single harbour porpoise (*Phocoena phocoena*) echolocation clicks measured with a 16 hydrophone array.** Acoustics' 08. Paris, France
- [Koblitz, J.C.](#), M. Wahlberg, P.T. Madsen, P. Stilz, and H.-U. Schnitzler. 2008. **Directionality of individual harbour porpoise echolocation clicks.** 22nd Annual Conference of the European Cetacean Society. Egmond aan Zee, Netherlands
- [Koblitz, J.C.](#), P. Stilz, W. Pflästerer, M. Melcón, H.-U. Schnitzler. 2006. **The sonar beam of big brown bats (*Eptesicus fuscus*) during landing.** 4th Joint Meeting of the Acoustical Society of America and the Acoustical Society of Japan. Honolulu, USA
- Robinson, B.W., K.J. Parsons, A.J. Januszkiewicz, [J.C. Koblitz](#). 2006. **Developmental plasticity and divergence in sunfish.** 45th Annual Meeting of the Canadian Society of Zoologists. Edmonton, Canada
- [Koblitz, J.C.](#) and B.W. Robinson. 2004. **Variation in the behaviour of pumpkinseed sunfish (*Lepomis gibbosus*) ecomorphs under the risk of predation.** Ontario Ecology & Ethology Colloquium. Toronto, Canada

Posters at conferences [1 as first author, 16 as co-author]

- Tregenza, N., M. Amundin, D. Wennerberg, L.A. Kyhn, I. Carlén, J. Carlström, [J.C. Koblitz](#). 2015. **Echo-location landmark sequences: a new source of information on click source levels, hearing thresholds and swimming speeds in porpoises.** 29th Annual Conference of the European Cetacean Society. St. Julians, Malta
- Kosarev, V., H. Benke, S. Bräger, M.L. Burt, A. Diederichs, A. Gallus, A. Herrmann, [J.C. Koblitz](#), L. Thomas, U.K. Verfuss, L. Wollheim. 2013. **Temporal trend and seasonal dynamics of harbour porpoises in Pomeranian Bight (Baltic Sea).** 27th Annual Conference of the European Cetacean Society. Setubal, Portugal
- Brundiars, K., K. Schmuck, M. Kost, M. Jabbusch, L. Thomas, H. Benke, [J.C. Koblitz](#). 2013. **Which one is the best? Comparing four different static acoustic monitoring devices.** 27th Annual Conference of the European Cetacean Society. Setubal, Portugal
- Carlström, J., M. Amundin, L. Thomas, J. Tougaard, J. Teilmann, [J.C. Koblitz](#), N. Tregenza, I. Carlen, L. Kyhn, D. Wennerberg, O. Loisa, I. Pawliczka, A. Ikauniece, I. Jussi, Š. Aleksej. 2013. **SAMBAH - Static Acoustic Monitoring of the Baltic Sea Harbour Porpoise.** 27th Annual Conference of the European Cetacean Society. Setubal, Portugal
- Courtene-Jones, W. H. Nuuttila, K. Brundiars, [J.C. Koblitz](#). 2013. **Comparison of broadband hydrophone and C-POD data logger recordings of wild bottlenose dolphin (*Tursiops truncatus*) echolocation clicks.** 27th Annual Conference of the European Cetacean Society. Setubal, Portugal
- Herrmann, A., V. Kosarev, S. Bräger, L. Wollheim, A. Gallus, A. Diederichs, L. Thomas, M.L. Burt, H. Benke, [J.C. Koblitz](#). 2013. **On the way to long-term acoustic monitoring: How to compare C-POD and T-POD data from a low-density area.** 27th Annual Conference of the European Cetacean Society. Setubal, Portugal

- Gonzalez-Terrazas, T.P., [J.C. Koblitz](#), M. Tschapka, T. Fleming, R. Medellín, H.-U. Schnitzler, E.K.V. Kalko. 2012. **How nectar-feeding bats find food: Echolocation behavior of *Leptonycteris yerbabuena* during foraging at cactus flowers.** 14th Congress of the International Society for Behavioral Ecology. Lund, Sweden
- Carlström, J., M. Amundin, L. Thomas, J. Tougaard, J. Teilmann, [J.C. Koblitz](#), N. Tregenza, I. Carlén, L. Kyhn, D. Wennerberg, O. Loisa, I. Pawliczka, A. Ikauniece, I. Jüssi, E. Visakavičius. 2012. **SAMBAH: Static acoustic Monitoring of the Baltic Sea Harbour Porpoise.** 26th Annual Conference of the European Cetacean Society. Galway, Ireland
- Brundiers, K., J. Tougaard, L.A. Kyhn, S. Sveegaard, L. Thomas, J. Teilmann, H. Benke, [J. C. Koblitz](#). 2012. **Acoustic detection functions of C-Pods: estimating probability of detecting harbour porpoise clicks using playback experiments.** 26th Annual Conference of the European Cetacean Society. Galway, Ireland
- Wennerberg, D., L. Thomas, J. Tougaard, N. Tregenza, [J.C. Koblitz](#), L. Kyhn, M. Dähne, J. Teilmann, H. Nuutila, M. Amundin. 2012. **Novel approaches to calculating a c-Pod detection function for the harbor porpoise (*Phocoena phocoena*).** 26th Annual Conference of the European Cetacean Society. Galway, Ireland
- Schaffeld, T., A. Gallus, H. Benke, [J.C. Koblitz](#). 2012. **Feeding at night: diel patterns in echolocation behaviour of harbour porpoises.** 26th Annual Conference of the European Cetacean Society. Galway, Ireland
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