

24th Conference of the European Cetacean Society



Marine Mammal Populations
Challenges for Conservation in the Next Decade



Programme

Monday, 22nd March 2010	
8:00	Registration
9:00	Opening
INVITED TALK	
9:50	Endangered cetacean populations worldwide
	<i>Bernd Würsig, Randall R. Reeves</i>
Coffee break 10:30 – 11:00	
Population structure	
11:00	Fine scale population structure of bottlenose dolphins (<i>Tursiops truncatus</i>) off Galician waters NW Spain.
	<i>Ruth Fernández, Graham J. Pierce, M. Begoña Santos, Alfredo López, Susana García-Tiscar, Jason Newton, Santiago Lens, Stuart Piertney</i>
11:20	Paedomorphic traits in killer whales <i>Orcinus orca</i>
	<i>Pavel Goldin</i>
11:40	Fine-scale population structure of insular Indo-Pacific bottlenose dolphins (<i>Tursiops aduncus</i>) over temporal scales
	<i>Jeremy Kiszka, Benoit Simon-Bouhet, Caroline Gastebois, Ludivine Martinez, Claire Pusineri, Vincent Ridoux</i>
12:00	Social structure of insular Indo-Pacific bottlenose dolphins (<i>Tursiops aduncus</i>) assessed through association patterns and kinship analyses.
	<i>Benoît Simon-Bouhet, Jeremy Kiszka, Vanessa Becquet, Caroline Gastebois, Claire Pusineri, Vincent Ridoux</i>
12:20	Population structure of long-finned pilot whales in Europe
	<i>Philippe Verborgh, Renaud de Stephanis, Pauline Gauffier, Susana García Tiscar, Ruth Esteban, Lionel Minvielle-Sebastia, Marisa Ferreira, Vincent Ridoux, Willy Dabin, Angela Llavona, Enara Marcos Ipiña, Silvia Monteiro, Nigel Monaghan, Simon Berrow, Maria Cristina Fossi, Letizia Marsili, Sophie Laran, Emilie Praca, Ana Cañadas, Ricardo Sagarminaga, Jose Luis Murcia</i>
12:40	Genetic analysis of harbour porpoises (<i>Phocoena phocoena</i>) reveals population differentiation in the Baltic Sea and adjacent waters: a combined analysis of nuclear microsatellites and mitochondrial DNA
	<i>Annika Wiemann, Liselotte W. Andersen, Per Berggren, Ursula Siebert, Harald Benke, Jonas Teilmann, Christina Lockyer, Iwona Pawliczka, Krzysztof E. Skóra, Anna Roos, Thomas Lyrholm, Kirsten B. Paulus, Valerio Ketmaier, Ralph Tiedemann</i>
Lunch break 13:00 – 14:45	

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Human interactions	
14:50	Feeding ecology and diet shift of long-beaked common dolphins (<i>Delphinus capensis</i>) incidentally caught in anti-shark nets off KwaZulu-Natal South Africa <i>Shan T. Ambrose, William Froneman, Malcolm Smale, Stephanie Plön</i>
15:10	Harbour porpoises and offshore development: increased porpoise activity in an operational offshore wind farm <i>Jakob Tougaard, Meike Scheidat, Sophie Brasseur, Jacob Carstensen, Tamara van Polanen Petel, Jonas Teilmann, Peter Reijnders</i>
15:30	Interactions between dolphins and an Australian demersal scalefish trawl fishery: implications for bycatch mitigation <i>Vanessa Jaiteh, Simon Allen, Jessica Meeuwig, Neil Loneragan</i>
15:50	Responses of harbour porpoises (<i>Phocoena phocoena</i>) to pile driving measured with passive acoustic monitoring <i>Ansgar Diederichs, Miriam Brandt, Laura Wollheim, Caroline Hoeschle, Georg Nehls</i>
16:10	Managing for robustness: potential effects of climate change and mussel farming on dusky dolphins (<i>Lagenorhynchus obscurus</i>) in Admiralty Bay New Zealand <i>Heidi Pearson, Robin Vaughn, Mridula Srinivisan, Timothy Markowitz, Bernd Würsig</i>
16:30	Field Testing of Barium Sulphate Gillnets to Reduce the Incidental Mortality of Franciscana dolphin (<i>Pontoporia blainvillei</i>) in Argentina <i>Edward Trippel, Pablo Bordino, Norman L. Holy</i>
Coffee break 16:50 – 17:20	
POSTER SESSION I 17:20 – 19:00	
Tuesday, 23rd March 2010	
Abundance	
8:30	Trends in abundance of a small resident population of bottlenose dolphins <i>Tursiops truncatus</i> inhabiting Patos Lagoon estuary southern Brazil <i>Eduardo Secchi, Juliana Di Tullio, Pedro Fruet</i>
8:50	Opportunistic Sightings of Harbour Porpoises (<i>Phocoena phocoena</i>) in the Baltic Sea at large – Kattegat, Belt Sea, Sound, Western Baltic and Baltic Proper <i>Philip Loos, Petra Deimer, Hans-Jürgen Schütte, Justin Cooke, Katharina Fietz, Veit Hennig</i>
9:10	Monitoring winter and summer abundance of cetaceans in the Pelagos Sanctuary through aerial surveys for conservation <i>Simone Panigada, Giancarlo Lauriano, Louise Burt, Nino Pierantonio, Greg Donovan</i>

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9:30	Correlation of harbour porpoise distribution and its prey in Scandinavian waters
	<i>Signe Sveegaard, Jonas Teilmann, Karl-Johan Stæhr, Torben Filt Jensen, Kim N. Mouritsen</i>
INVITED TALK	
9:50	Conservation and management of marine mammals – are they compatible issues at regional and global ecosystem levels?
	<i>Christina Lockyer</i>
Coffee break 10:30 – 11:00	
Conservation / Management	
11:00	Fin whale (<i>Balaenoptera physalus</i>) population identity migration movements and noise impact in the Western Mediterranean Sea
	<i>Manuel Castellote, Christopher W. Clark, Fernando Colmenares, Marc O. Lammers</i>
11:20	Reproductive success of bottlenose dolphins in Welsh waters, 2001-09
	<i>Giovanna Pesante, Peter G.H. Evans</i>
11:40	The vaquita's story: Towed array surveys for monitoring trends in the abundance and distribution of a critically endangered species.
	<i>Rene Swif, Shannon Rankin, Denise Risch, Tim Gerrodette, Barbara Taylor, Douglas Gillespie, Jonathan Gordon, Lorenzo Rojas-Bracho, Armando Jaramillo-Legorreta</i>
Physiology	
12:00	Amphibious vision in harbour seals (<i>Phoca vitulina</i>)
	<i>Frederike Hanke, Guido Dehnhardt</i>
12:20	Circulating melatonin in the bottlenose dolphin
	<i>Mattia Panin, Cristina Ballarin, Gianfranco Gabai, Bruno Cozzi</i>
12:40	Using Dtag data to assess the physiology of deep diving Cuvier's beaked whales
	<i>Walter Zimmer, Peter Teglberg Madsen, Mark Johnson, Peter L. Tyack</i>
Lunch break 13:00 – 14:45	
Acoustics	
14:50	Using on-animal acoustic remote sensing to study the foraging ecology of Blainville's beaked whales in the Canary Islands.
	<i>Patricia Arranz Alonso, Natacha Aguilar de Soto, Mark Johnson, Alberto Brito, Peter Teglberg Madsen</i>
15:10	Hearing Processes Measured during Echolocation in a False Killer Whale
	<i>Paul E. Nachtigall, Alexander Y. Supin</i>

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15:30	Spectral Estimation methods for the real-time localisation and tracking of cetaceans
	<i>Ludwig Houégnyan, Serge Zaugg, Mike van der Schaar, Michel André</i>
15:50	Do bottlenose dolphins use signature whistles of conspecifics when they encounter them?
	<i>Vincent Janik, Heidi Lyn</i>
16:10	Influence of continuous masking pure tones on ABR click responses in a harbour porpoise
	<i>Meike Linnenschmidt, Kristian Beedholm, Janni Damsgaard Hansen</i>
16:30	Reducing the Potential for Seismic Airgun Impacts on Cetaceans through Alternative Technologies for Oil and Gas Exploration
	<i>Lindy Weilgart</i>
Coffee break 16:50 – 17:20	
POSTER SESSION II 17:20 – 19:00	
Wednesday, 24th March 2010	
Ecology	
8:30	Survival rate estimations for Steller sea lions (<i>Eumetopias jubatus</i>) on the Kuril Islands Russia
	<i>Alexey Altukhov, Vladimir Burkanov</i>
8:50	Geographical variation of skeletal paedomorphosis in the harbour porpoise: does ecology matter?
	<i>Anders Galatius, Pavel E. Goldin</i>
9:10	Different results in diet of porpoises using fatty acids and stomach contents: genuine temporal changes in diet or an artefact?
	<i>Okka Jansen, Sophie Brasseur, Mardik F. Leopold, Peter J. H. Reijnders</i>
9:30	CFD study of new non-invasive design of dolphin telemetry tag
	<i>Vadim Pavlov, Muhammad A. Rashad</i>
INVITED TALK	
9:50	Protection of cetaceans under national and European law: Impact of the Habitats Directive on the Common Fisheries Policy
	<i>Alexander Proelß</i>
Coffee break 10:30 – 11:00	

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Habitat use	
11:00	Sequential habitat use of Resurrection Bay Alaska by resident killer whales as detected by passive acoustic monitoring <i>Harald Yurk, Olga Filatova, Craig O. Matkin, Lance. G. Barrett-Lennard, Michael Brittain</i>
11:20	Prediction of fin whale's and sperm whale's distribution linked to topographic and environmental parameters in the PELAGOS Sanctuar <i>Tiziana Di Fulvio, Sophie Laran, Léa David, Nathalie Di-Meglio, Pascal Monestiez</i>
11:40	Characteristics of humpback whale habitat in the Scotia Sea and the Antarctic Peninsula <i>Carole Durussel, Sue Moore, Nancy Friday, Alexandre Zerbini, Sharon Hedley</i>
12:00	Spatial modelling of harbour porpoise (<i>Phocoena phocoena</i>) distribution based on satellite data <i>Susi Edrén, Mary Wisz, Jonas Teilmann, Rune Dietz, Johan Sørderkvist</i>
12:20	Water temperature and the distribution of the Common dolphin (<i>Delphinus delphis</i>) in British shelf waters: A potential indicator of climate change impacts <i>Tom Brereton, Colin D. MacLeod, Kevin Robinson, Emily Lambert, Sarah M. Bannon, Karen Hall, Marina Costa</i>
12:40	Zoogeography of the cetaceans in Algoa Bay South Africa <i>Brigitte Melly, Gillian McGregor, Stephanie Plön</i>
Lunch break 13:00 – 14:45	
Strandings	
14:50	Methodology for field-gas sampling transport and analysis in the laboratory of gas embolism found in stranded cetaceans. <i>Yara Bernaldo de Quirós, Oscar González-Díaz, Pedro Saavedra, Manuel Arbelo, Eva Sierra, Mariña Méndez, Antonio Fernández</i>
15:10	What caused the UK's largest common dolphin (<i>Delphinus delphis</i>) mass stranding event? <i>Paul D. Jepson, Robert Deaville, Karina Acevedo-Whitehouse, James Barnett, Robert L. Brownell, Frances C. Clare, Nick Davison, Robin J. Law, Jan Loveridge, Shaheed K. Macgregor, Steven Morris, Rod Penrose, Matthew Perkins, Eunice Pinn, Victor Simpson, Mark Tasker, Nick Tregenza, Andrew A. Cunningham, Antonio Fernández</i>
Workshop reports	
15:30	Reports on the progress and outcomes of the workshops held on the 20 th & 21 th March 2010 in Stralsund, Germany
Coffee break 16:50 – 17:20	
AGM - ANNUAL GENERAL MEETING 17:20 – 19:00	