CONFERENCE PROGRAMME

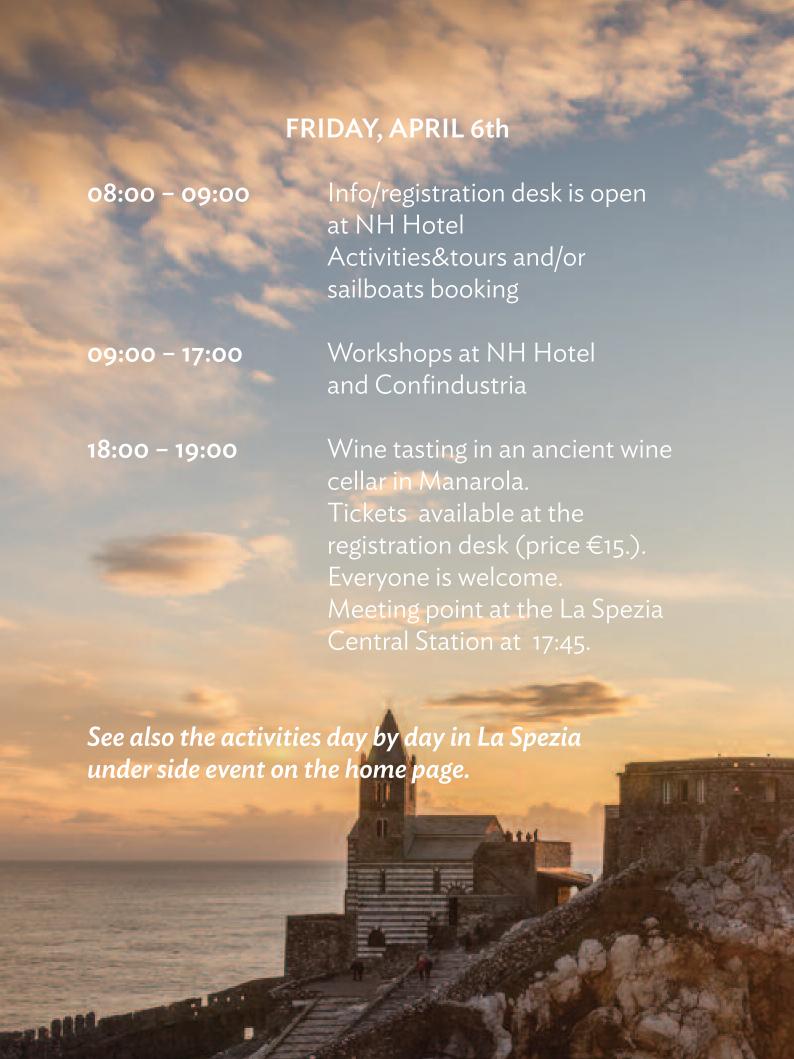


32nd CONFERENCE

APRIL 6th - APRIL 10th







FRIDAY, APRIL 6th - WORKSHOPS

For the location of the workshop location please see map. The buildings where the workshops will take place will be identified with the conference logo. Coffee/lunch breaks provided at the venue. Vegetarian and gluten free choices available.

09:00 - 17:00

ECS student workshop. Introduction to GIS Venue: NH Hotel, sala Riomaggiore Coffee/lunch breaks 10:30 -10:45; 12:30 -13:15; 16:00 - 16:15

12:00 - 17:00

Welfare in the Wild: Welfare Science -Current Understanding and next Steps to assessment and application Venue: NH Hotel, sala Corniglia

Coffee breaks: 12:00

welcome coffee: 16:00 -16:15

FRIDAY, APRIL 6th - WORKSHOPS, cont.

09:00 - 17:00

Marine Renewable Energy -Current research and evidence gaps on impact on Marine Mammals

Venue: NH Hotel, sala Monterosso Coffee/lunch breaks: 10:45 - 11:00; 12:30 -13:15; 15:45 -16:00

09:00 - 17:00

Joint ACCOBAMS/ASCOBANS/
IWC workshop on marine debris
and cetacean stranding
Venue: NH Hotel,
sala Manarola
Coffee/lunch breaks 10:30 -10:45;
13:30 -14:15; 15:30 - 15:45

09:00 - 17:00

Identifying Key Research
Questions for the Modelling and
Assessment of Whalewatching
Impacts

Venue: Confindustria, sala Comitato Coffee/lunch breaks : 10:00 - 10:45; 12:45 -13:45; 15:45 -16:00

SATURDAY, APRIL 7th

08:00 - 09:00

Info/registration desk is open at NH Hotel
Activities&tours and/or sailboats booking

09:00 - 17:00

Workshops at NH Hotel and Confindustria

15:30 - 18:00

Registration at the Teatro Civico (main entrance) and Urban Center (the Teatro Civico two side street entrances)

19:30 - 23:00

Icebreaker (NH Hotel).
Free tickets at the registration desk at NH Hotel.

SATURDAY, APRIL 7th - WORKSHOPS

For the location of the workshop location please see map. The buildings where the workshops will take place will be identified with the conference logo.

Coffee/lunch breaks provided at the venue.

Vegetarian and gluten free choices available.

09:00 - 17:00

Mediterranean Grampus Project
2.0 - Improving knowledge
and conservation of the
Mediterranean population of
Risso's dolphins through effective
partnerships
Venue: NH Hotel,
sala Riomaggiore
Coffee/lunch breaks:
10:30 -10:45; 12:30 -13:15;
15:30 - 15:45

09:00 - 17:00

A Wikimedia edit-a-thon Venue: NH Hotel, sala Corniglia Coffee/lunch breaks 10:30 -10:45; 13:30 -14:15; 15:30 - 15:45

SATURDAY, APRIL 7th - WORKSHOPS, cont.

09:00 - 17:00

Il Edition: What is new in cetacean pathology
Venue: NH Hotel, sala Monterosso
Coffee/lunch breaks: 10:45 - 11:00
13:30 -14:15; 15:45 -16:00

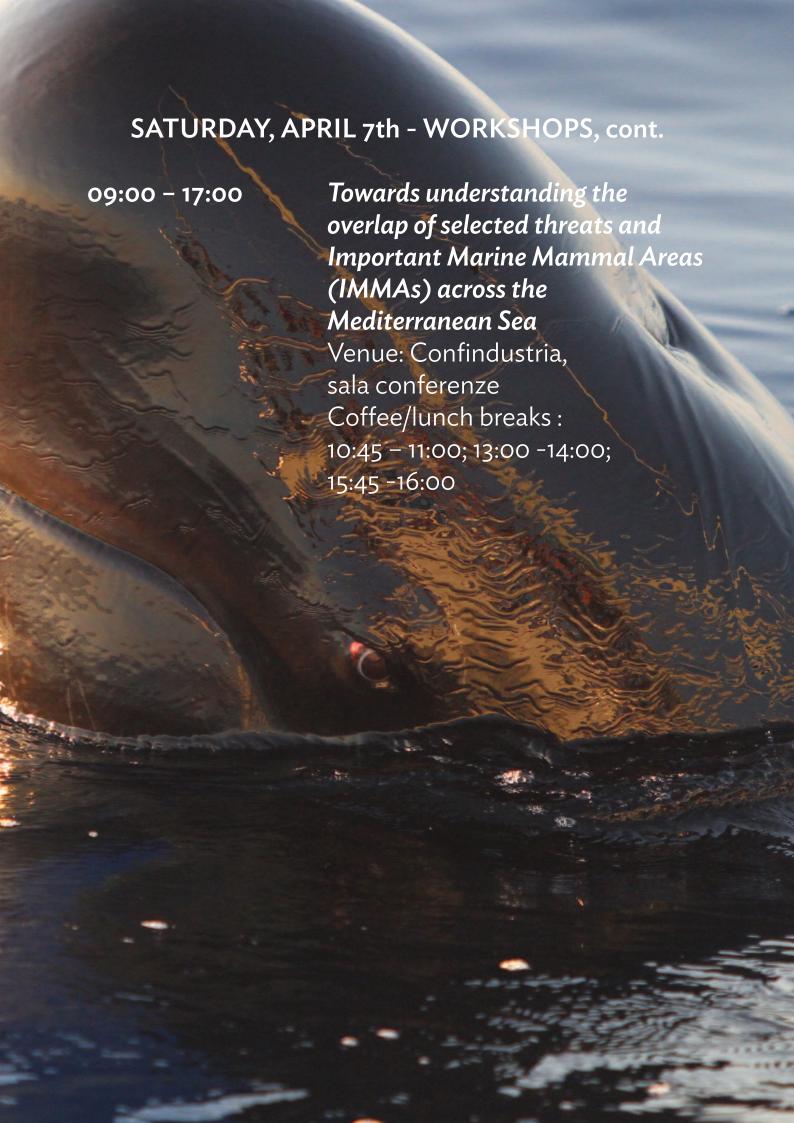
09:00 - 17:00

6th Workshop on
"Communicating marine
mammal science to the general
public". Plastic litter and marine
mammals: how communication
can properly address the issue
Venue: HN Hotel, sala Manarola
Coffee/lunch breaks: 10:45 - 11:00;
12:30 -13:15; 15:45 -16:00

09:00 - 17:00

Identifying Key Research
Questions for the Modelling and
Assessment of Whalewatching
Impacts

Venue: Confindustria, sala Comitato Coffee/lunch breaks : 10:30- 10:45; 12:45 -13:45; 15:30 -15:45



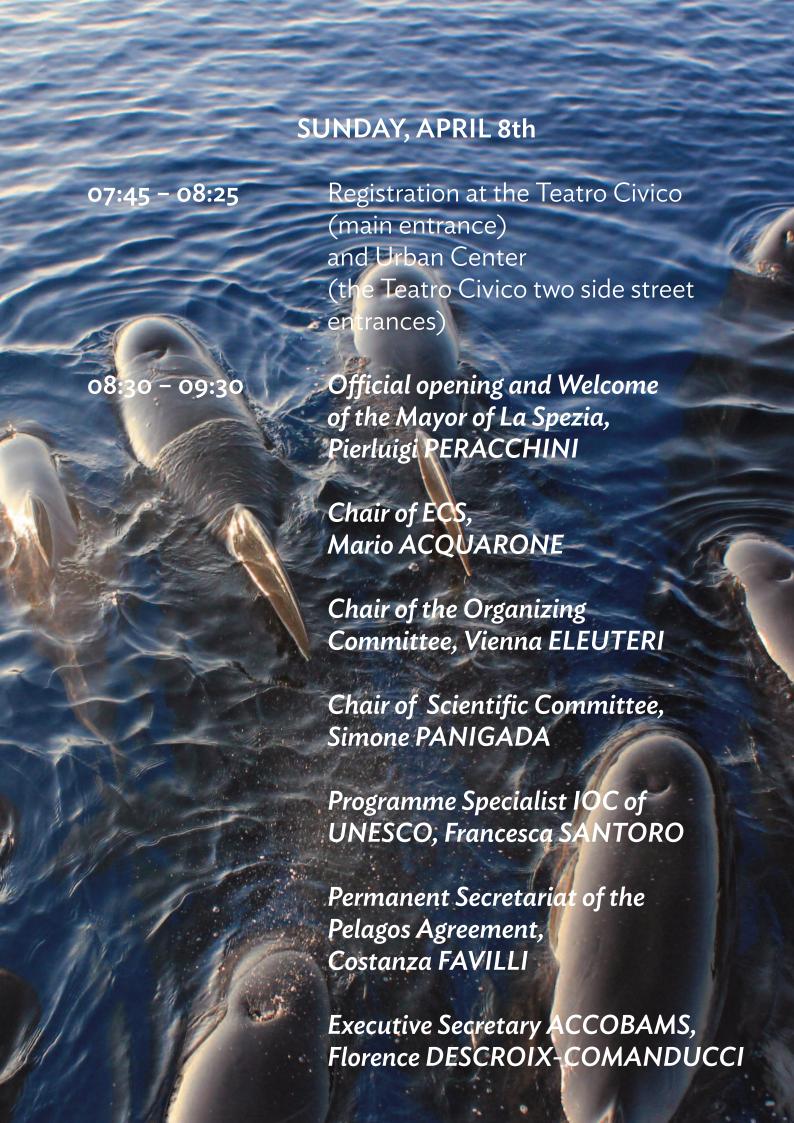


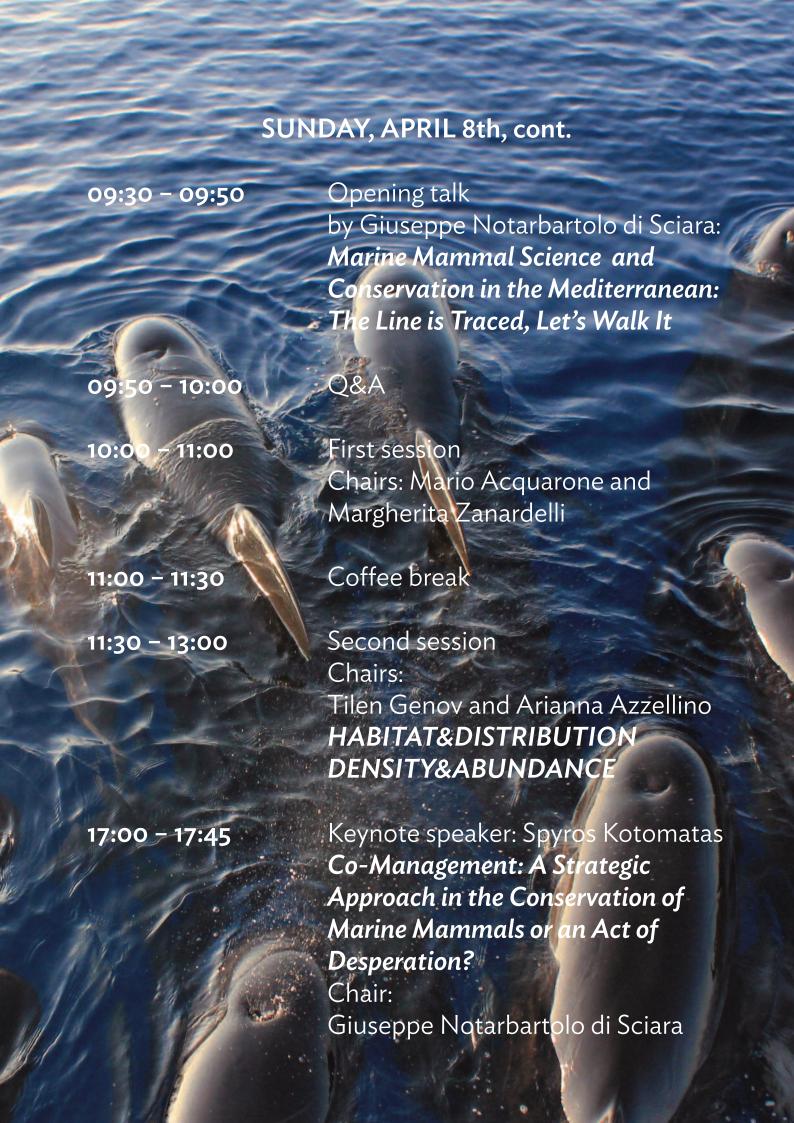
MAP, cont.

×/////////		7//// SASSINI SASAN
CAMeC - Modern and Contemporary Art Center	Piazza Cesare Battisti, 1, 19124 La Spezia	Local students permanent ECS art work exposition
La Rada Porto Lotti	Viale S. Bartolomeo, 394, 19126 La Spezia	Banquet and dancing
Porto Mirabello	www.portomirabello.it/en/	Restaurants, bars, sailing and whalewatching boats
Consorzio Marittimo Turistico	Passeggiata Constantino Morin, 2, 19121 La Spezia www.navigazionegolfodeipoeti.it /en/	Liner shipping Gulf of Poets and 5Terre
Associazione per il mare	www.associazioneperil- mare.it/en/boat-tour/	Moby Dick, motor boat (15m)
DE LISI INDICA wine bar	Via Aulo Persio Flacco, 2, 19121 La Spezia	Student party, bar, wine, eatery
PSE grafica e stampa	Via Colombo, 98/100, 19121, La Spezia Mobile: +39 347 4313678 - Elena info@psesrl.org	Posters printing
La Pia Centenaria	Via Magenta, 12, 19121 La Spezia www.lapia.it/	The best pizza and focaccia in town since 1887
Stazione Centrale Central Station	Piazzale Medaglie d'Oro al Valor Militare, 23, La Spezia	Train, taxi, bus, garage

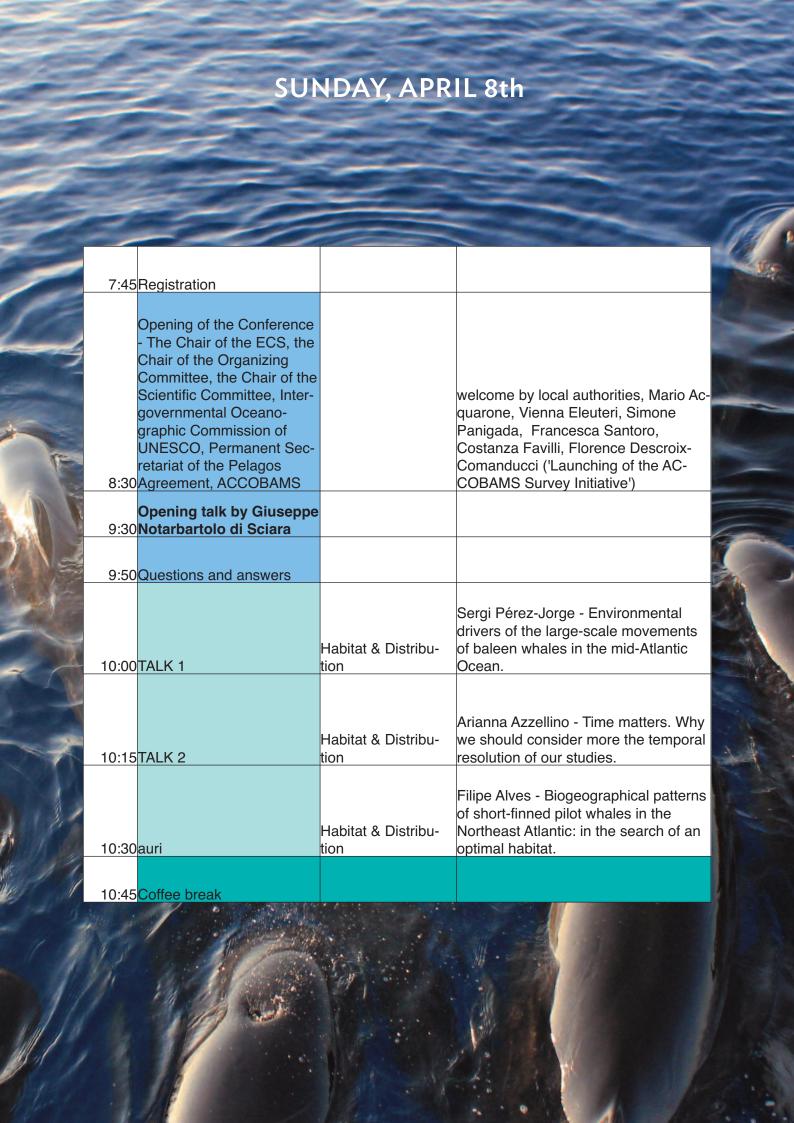
MAP, cont.

<i></i>		- 7///ARIO
ATC	https://www.atcesercizio.it /index.php/it/	Public transport
CDH Hotel	Via XX Settembre, 81, 19122 La Spezia +39 0187 738848 laspezia@hotelcdh.com	Hotel
Castello San Giorgio	Via XXVII Marzo, 19121 La Spezia www.museodelcastello.speziane t.it	Castle, museum, beautiful terrace overlooking the sea
Technical Naval Museum	Main entrance of the Naval Arsenal Via Giovanni Amendola,1, 19122 La Spezia	Naval museum
Lia Art Museum	Via del Prione, 234 La Spezia	Art museum in the ancient monastery of the Friars Minor of St. Francis of Paola
5 Terre National Park and Marine Protected Area	http://www.par- conazionale5terre.it/page. php?id=93	Nature and territory, UNESCO World Heritage
Portovenere	https://portovenere.a-tur- ist.com/portovenere	Site of world heritage
Lerici	http://cinqueterreandbe- yond.com/lerici/lerici-cas- tle/	Nature and territory
Presidio Ospedaliero La Spezia	Via Vittorio Veneto, 197, La Spezia +39 0187 5331 EMERGENCY 118	Hospital









SUNDAY, APRIL 8th, cont. Alexandre Gannier - Describing Habitat & Distribufavourable habitats of western Mediter-11:15 TALK 4 ranean teuthophageous species. tion James Waggitt - Ecologically informed and dy-Habitat & Distribunamic distribution maps for cetacean communi-11:30 TALK 5 tion ties in the north-eastern Atlantic Ocean. Auriane Virgili - Would habitat models for deep-diving cetaceans be improved Habitat & Distribuif prev distributions were included? 11:45 TALK 6 Caterina Lanfredi - Abundance assessment of sperm whales (Physeter macrocephalus) in the North-Western Density & Abunportion of the Pelagos Sanctuary (NW 12:00 TALK 7 Mediterranean Sea) dance Silvia Bonizzoni - Predicting dolphin distribution within an Important Marine Density & Abun-Mammal Area (IMMA) in Greece to 12:15 TALK 8 support spatial management planning. dance Simone Panigada - The ACCOBAMS Density & Abun-Survey Initiative – when a dream 12:30 TALK 9 comes true. dance 12:45 Lunch break/student AGM Lorenzo Fiori - Assessing the effects of humpback whale-based tourism in Vava'u, Kingdom of Tonga: Behavioral responses of whales to vessels and in-14:30 TALK 10 Behaviour & Ecology water tourism activities. Charlotte Lambert - A story of size and depth: predator-prey interactions in the 14:45 TALK 11 Behaviour & Ecology Bay of Biscay Ewa Krzyszczyk - Dolphin-Shark Interactions: Responses to Predation Risk 15:00 TALK 12 Behaviour & Ecology and Non-Lethal Attacks Aylin Akkaya Bas - Marine traffic alters the behavioural budget of bottlenose 15:15 TALK 13 Behaviour & Ecology dolphins in the Istanbul Strait, Turkey Valeria Senigaglia - Long-term effects of food provisioning on the reproductive success of 15:30 TALK 14 Behaviour & Ecology free-ranging bottlenose dolphin population Janet Mann - Sex Bias, Social Preferences and Social Learning in Bot-15:45 TALK 15 Behaviour & Ecology tlenose Dolphin Tool-Use Poster session with coffee - 16:00 EVEN NUMBERS

Keynote speaker - Spyros 17:00 Kotomatas		
17:45 Questions and answers		
17:50 SHORT TALK 1	Management & Conservation	Antonella Arcangeli - Whales in a rub- bish sea - a regional cooperative proj- ect to help monitoring litter impact on cetaceans in the Mediterranean Sea
17:55SHORT TALK 2	Management & Conservation	Kristina Steinmetz - Enhancing pin- niped management and conservation via stakeholder engagement and non- invasive genetic sampling Bianca Unger - Possible conflict areas
18:00SHORT TALK 3	Management & Conservation	between harbour porpoises and float- ing debris in the German North and Baltic Seas
18:05SHORT TALK 4	Management & Conservation	de Francesco Maria Carla - Towards the identification of 'Units for Conserva- tion' for bottlenose dolphin Tursiops truncatus (Delphinidae, Cetacea) in European waters.
18:10SHORT TALK 5	Management & Conservation	Jonas Teilmann - Fishermen help scientists reveal far reaching movements of minke whales from coastal North Sea to deep Atlantic habitats
18:15SHORT TALK 6	servation Management & Con-	Maja Nimak-Wood - Marine mammal observer data - unexpectedly finding missing pieces of puzzles and helping scientists build a bigger picture about blue whales in the Indian Ocean Francesca Santoro - Protecting marine
18:20 SHORT TALK 7 UNESCO POSTER SESSION - EVEN 18:25 NUMBERS	servation	mammals in crwoded waters
VIDEO NIGHT at Teatro 21:00 Civico		

MONDAY, APRIL 9th

08:40 - 08:45 Presentation,

announcements of the day

8:45 – 10:15 First session

Chairs:

Spyros Kotomatas & Michela Podestà

MANAGEMENT&CONSERVATION

GENETICS/EVOLUTION

10:15 - 10:40 Second session

Chairs:

Aviad Scheinin & Anita Gilles

HABITAT&DISTRIBUTION

10:40 – 11:10 Coffee break

11:10 – 11:55 Keynote speaker:

Maria Cristina Fossi

Multiple Anthropogenic Stress in

Cetaceans of the Pelagos Sanctuary:

Current Knowledge and

Future Research

Chair: Vienna Eleuteri

MONDAY, APRIL 9th, cont.

12:10 – 13:10 Third session

Chairs:

Joan Gonzalvo & Léa David

MANAGEMENT&CONSERVATION

14:55 – 15:45 Fourth session

Chairs:

Giancarlo Lauriano & Rebecca Boys

DENSITY&ABUNDANCE

MANAGEMENT&CONSERVATION

15:15 – 16:30 Fifth session

Chairs:

Antonio Fernandez &

Ayaka Amaha Öztürk

NEW TECHNIQUES ACOUSTIC&NOISE

HEALTH&MEDICINE

17:30 – 18:15 Sixth session

Chairs:

Enrico Pirotta & Caterina Lanfredi

NEW TECHNIQUES

21:00 Student party in La Spezia,

DE LISI INDICA wine bar,

Via Aulo Persio Flacco, 2

MONDAY, APRIL 9th

100000			
8:45	TALK 16	Management & Conservation	Karen Stockin - Wildly irresponsible or responsible for the wild? An urgent call for welfare science at whale mass strandings
9:00	TALK 17	Management & Conservation	Alejandra Vergara-Pena - Can codes of conduct limit impacts of vessel traffic upon bottlenose dolphins?
9:1	5TALK 18	Management & Conservation	Ludovic Hoarau - Is there hope for sustainable whale watching and swim-with whales in Reunion Island, Indian Ocean? Recreational and professional regulations during the last humpback whale (Megaptera novaeangliae) breeding season
9:30	TALK 19	Management & Conservation	Michael James Tetley - The growing Important Marine Mammal Area (IMMA) Network: an update on the global process for informing the management practices of placebased marine conservation
9:4	TALK 20	Genetics/Evolution	Guido Parra - Low genetic diversity, limited gene flow and widespread genetic bottleneck effects in a threatened dolphin species, the Australian humpback dolphin
10:00	TALK 21	Genetics/Evolution	Tjibbe Stelwagen - Genetic evidences of population decline in the harbour porpoise from Iberia waters over the last 30 years
10:1	SHORT TALK 8	Habitat & Distribu- tion	Clare Embling - Oceanographic drivers of sperm whale distributions off the west coast of Scotland
10:20	SHORT TALK 9	Habitat & Distribu- tion	Thibaut Bouveroux - Modelling fine-scale distribution and density of harbour porpoises in the Southern Bight of the North Sea inferred from platform-of-opportunity data
10:2	SHORT TALK 10	Habitat & Distribu- tion	Nadya C. Ramirez Martinez - Modelling cetacean habitat use in Norwegian waters Elisa Remonato - Where are the Risso's
10:30	SHORT TALK 11	Habitat & Distribu- tion	Elisa Remonato - Where are the Risso's dolphins (Grampus griseus) of the North Western Mediterranean Sea? Study of Movements Within and Outside the Pelagos Sanctuary.
10:3	SHORT TALK 12	Habitat & Distribu- tion	Clàudia Auladell Quintana - Beaked whale distribution and habitat use from acoustic surveys in the North-East Atlantic.
10:40	ocoffee break		

MONDAY, APRIL 9th, cont.

	Keynote speaker -		
11:10	Cristina Fossi		
11:55	Questions and answers		
12:10	TALK 22	Management & Conservation	Mark Simmonds - Animal Sentience as a Key Issue in Marine Mammal Science and Policy in Europe.
12:25	TALK 23	Management & Conservation	Arne Bjørge - Is the use of acoustic alarms on gillnets the quick fix for fisheries with high bycatch rate of harbour porpoises?
12:40	TALK 24	Management & Conservation	Cecilia Passadore - Ecogeographic and anthropogenic drivers of dolphin distribution: informing future spatial conservation planning in a marine protected area.
12:55	TALK 25	Management & Conservation	Lars Bejder - Low energy expenditure and resting behaviour of humpback whale mother-calf pairs highlights conservation importance of sheltered breeding areas
	Lunch break/Vaquita special event, Lorenzo Rojas- Bracho		
	SHORT TALK 13	Density & Abun- dance	Nino Pierantonio - Occurrence and abundance of delphinids in the Northern Aegean Sea from aerial surveys
15:00	SHORT TALK 14	Density & Abun- dance	Roma Banga - Through the sealing: Grey seal pup numbers increase in North Wales
15:05	SHORT TALK 15	Management & Conservation	Begüm Uzun - Genetic investigation on the population structure of the harbour porpoises living in Turkish waters by double digest restriction associated DNA (ddRAD) sequencing
15:10	SHORT TALK 16	Management & Conservation	Pauline Couet - A simultaneous estimation of female and calves survival and breeding probability using multievent capture-recap-
15:15	SHORT TALK 17	New Techniques	Bénédicte Madon - Tech4Whales: Towards Real-time, High Resolution Navigational Software for Whale Avoidance

MONDAY, APRIL 9th, cont.

15:20	SHORT TALK 18	Acoustic & Noise	Pablo Chevallard - Kinematic and acoustic analysis of herring-eating killer whale feeding behaviour during different prey life-stages Rosie Williams - Long-Term Temporal and Spatial Patterns of Polychlorinated
15:25	SHORT TALK 19	Health & Medicine	Biphenyls in UK Harbour Porpoises (Phocoena Phocoena) Olga Novillo - Presence of microplastics in
15:30	SHORT TALK 20		the digestive tract of stranded cetaceans from the Western Mediterranean.
15:35	SHORT TALK 21	Health & Medicine	Steffen De Vreese - Preliminary findings on the morphology of the peripheral nervous system of the external ear canal in odonto- cetes
15:40	SHORT TALK 22		Eyal Bigal - Toxoplasmosis and Herpesvirus in common bottlenose dolphins (Tursiops truncatus) a first report from the Eastern Mediterranean Sea
15:45	TALK 26	Health & Medicine	Tilen Genov - Severe injuries as a conservation concern: evaluating the population-level effects of cryptic events on a coastal dolphin population
16:00	TALK 27		lben Stokholm - Origin and spread of phocine distemper virus in 1988 and 2002
16:15	TALK 28	Health & Medicine	Carla Grattarola - The Western Mediter- ranean basin like a pathogens soup? A source of growing concern for cetacean species inhabiting the Pelagos Sanctuary
	Poster session with cof- fee - ODD NUMBERS		
17:30	TALK 29	New Techniques	Yann Planque - Harbour and grey seals' foraging ecology in the Eastern English Channel highlight potential competitive trophic interactions. Oliver O'Cadhla - From basis to Basins: Ire-
17:45	TALK 30	New Techniques	land's ObSERVE Programme as an Effective Strategic Partnership
18:00	TALK 31	New Techniques	Simon Berrow - ObSERVE-ACOUSTIC: strategic partnerships between government departments and research providers deliver a large scale, offshore, multi-annual acoustic survey off Western Ireland
18:15	Poster session - ODD		
	STUDENT PARTY		

TUESDAY, APRIL 10th

08:40 - 08:45 Presentation,

announcements of the day

8:45 – 9:30 First session

Chairs:

Gianni Pavan & Masha Stroobant

ACOUSTIC&NOISE

9:30 – 10:15 Second session

Chairs:

Dimitar Popov & Karen Stockin

BEHAVIOR&ECOLOGY

EVOLUTION&DEVELOPMENT

NEW TECHNIQUES

11:00 - 12:00 Third session

Chairs:

Sandro Mazzariol & Auriane Virgili

NEW TECHNIQUES

12:00 – 13:00 Fourth session

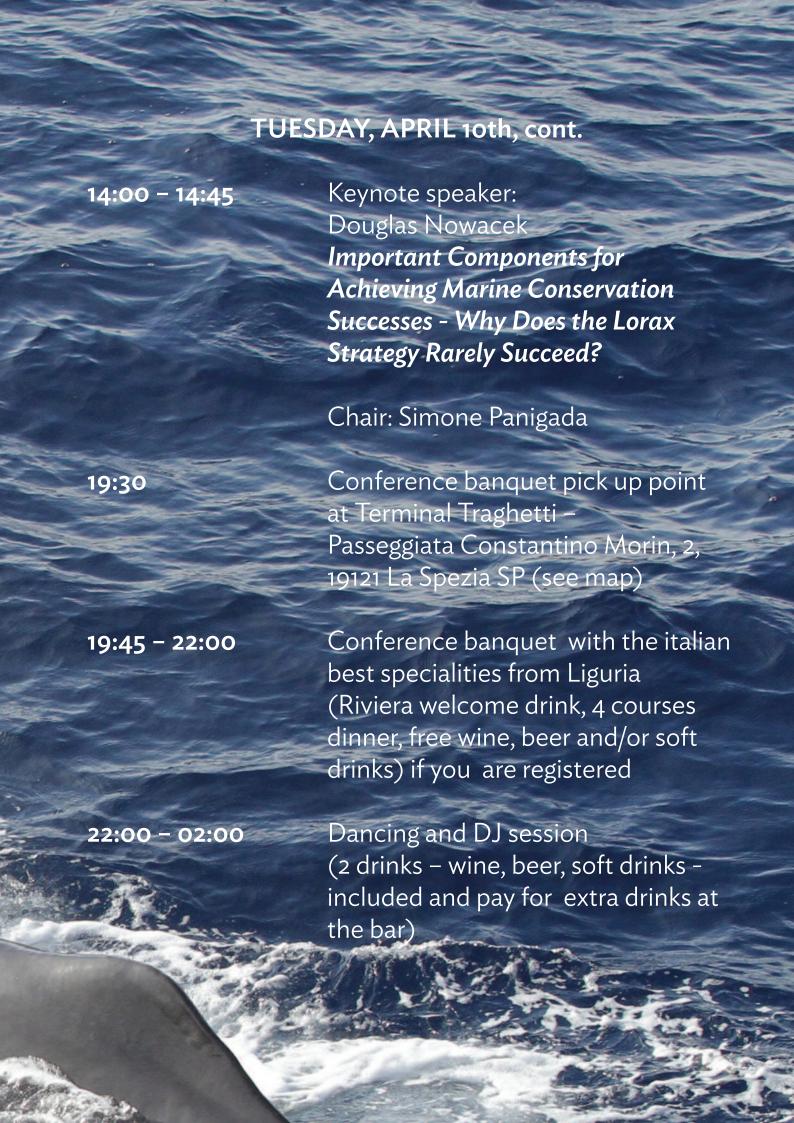
Chairs:

Bruno Cozzi &

Yara Bernaldo de Quiròs

NEW TECHNIQUES

STRANDINGS



TUESDAY, APRIL 10th

	- 1			
				Edda Elísabet Magnúsdóttir - The impor- tance of a subarctic feeding ground for humpback whale song transmission to subtropical breeding grounds in the North
Š	8:45	TALK 32	Acoustic & Noise	Atlantic Ocean
	9:00	TALK 33	Acoustic & Noise	Laela Sayigh - Acoustic cues associated with cetacean mass stranding events
I MAN	9:15	TALK 34	Acoustic & Noise	Clare Owen - Migratory convergence allows simultaneous cultural convergence and transmission of humpback whale song across the South Pacific
	9:30	SHORT TALK 23	Behaviour & Ecology	Eva Prendergast - Boat traffic negatively influences diet rhythmic behaviour in harbour porpoise in Skjálfandi Bay, Iceland
	9:35	SHORT TALK 24	Behaviour & Ecology	Conor Ryan - Acoustic, genetic and observational evidence indicate the presence of humpback whales (Megaptera novaeangliae) from both hemispheres in Cape Verdean waters during their respective breeding seasons
	9:40	SHORT TALK 25	Behaviour & Ecology	Rachel Davies - Seasonality in North Sea Marine Mammals using longitudinal ECMC partner data, 2006-2016
	9:45	SHORT TALK 26	Behaviour & Ecology	Kayleigh Jones - Sexual segregation in Antarctic fur seal pups, Arctocephalus gazella
	9:50	SHORT TALK 27	Evolution & Develop- ment	Alberto Collareta - Tracing the origins of the modern Mediterranean baleen whale fauna: hints from the fossil record
	9:55	SHORT TALK 28	New Techniques	Alexander Schubert - A comparison of high-resolution digital aerial surveys and passive acoustic monitoring
	10:00	SHORT TALK 29	New Techniques	Aviad Scheinin - Delphis – a Modern Technology and Open Standards for Coastal Cetacean Surveying Application
15	10:05	SHORT TALK 30	New Techniques	William Kay - From brick to bullet: Using Computational Fluid Dynamics to design bio-logging tags with minimal drag
	10:10	SHORT TALK 31	New Techniques	Felix Matthies - A simple method to obtain reliable estimations of dolphins group size
STATE		coffee break/ poster viewing ALL POSTERS		

TUESDAY, APRIL 10th, cont.

11:00	TALK 35	New Techniques	Giancarlo Lauriano - Satellite tagging of C-type killer whales in the Antarctic: insights toward the Ross Sea Region conservation objectives.
11:15	TALK 36	New Techniques	Rebecca M Boys - Multi-state open robust design models for dealing with incomplete sampling and imperfect detection: an example with sperm whales and opportunistic photo-id data
11:30	TALK 37	New Techniques	Enrico Pirotta - Assessing the population consequences of disturbance on migratory baleen whales via a dynamic state variable model of female lifetime reproductive success
11:45	TALK 38	New Techniques	Thomas Folegot - How much does it cost to the maritime economy to reduce collisions'risks for large whales in the Pelagos
12:00	TALK 39	Strandigs	Brian Sharp - Considering Rescue Attempts of Stranded Live Large Whales
12:15	TALK 40	Strandigs	Raquel Puig - Retrospective study of foreign body-associated pathology in stranded cetaceans, Canary Islands
12:30	TALK 41	Strandigs	Sandro Mazzariol - Multidisciplinary studies on a sperm whales' mass stranding
12:45	TALK 42	Strandigs	Stephen Marsh - 30 years of Marine Mam- mal Rescue in the United Kingdom
13:00	Lunch break/poster viewing ALL POSTERS		
14:00	Keynote speaker -		
5	Questions and an- Coffee break		
-15	AGM		
17:30	AWARD CEREMONY		
19:45	DINNER		
	DANCING		



