

SIEBM

XX SIMPÓSIO IBÉRICO DE ESTUDOS DE BIOLOGIA MARINHA

9 SEPTEMBER

○ Reception and Opening session

RECEPTION 08:00
Opening session 09:30

○ Keynote session

Keynote session: A stroll through the European marine biological data landscape

Belén Martín (ECIMAT-CIM, U. Vigo, Spain) 10:30

COFFEE BREAK

Special invited speaker: Topics and Trends since 1979 in benthic studies: from sampling techniques to ecogenetic developments

Javier Niell (Emerit Professor, U. Malaga, Spain) 12:00

LUNCH TIME

Please note that in case of a keynote speaker does not use the full time available, the following session may be anticipated

○ Keynote Session

Keynote session: Integrating knowledge among fishermen and scientists for better marine conservation and management: A running example in Southern Portugal (Algarve)

Ana Marçalo (CCMAR, U. Algarve, Portugal) 14:00

○ Plenary Session 1

Adapting fisheries management to the spatial variability in the reproductive cycle: the case of the sword razor clam in Galicia (NW Spain)

Ana Tubío Gómez 15:00

Assessing the overlap of NAFO fisheries with Vulnerable Marine Ecosystems

Maria del Mar Sacau Cuadrado 15:15

Space-temporary variation of the population of long-finned pilot whales (*Globicephala melas*) in the SE of the Iberian peninsula

Rosa María Canales-Cáceres 15:30

Spatial and temporal characterization (2006-2012) of the trawling activity in the Site of Community Importance "Volcanes de fango del golfo de Cádiz" (southwestern Iberian Peninsula)

Emilio González-García 15:45

COFFEE BREAK

○ Plenary Session 2

Atlantic chub mackerel (*Scomber colias*) growth and reproduction off the Portuguese coast in relation to the population dynamics

Cristina Nunes 16:30

Univariate approach of blackspot seabream (*P. bogaraveo*) landings. Linear dependence and volatility

Victor Sanz-Fernández 16:45

Reproductive cycle of the sea cucumber *Holothuria forskali* in the Ria de Vigo: application to fisheries management

Tania Ballesteros Otero 17:00

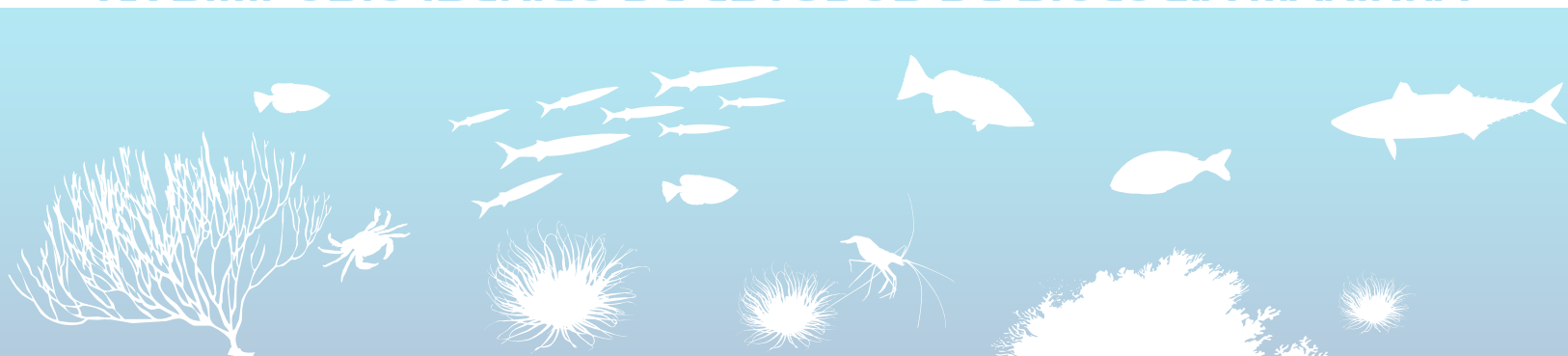
Effect of diet on growth and development of the jellyfish *Phyllorhiza punctata* (Cnidaria, Scyphozoa) in laboratory conditions

Inês Matos Duarte 17:15

Poster posting 17:30

Welcome reception at "Casa Museu Nogueira da Silva" 19:30

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10 SEPTEMBER

○ Keynote Session

Keynote session: Population structure in marine organisms: from genetics to genomics

Marta Pascual (U. Barcelona, Spain) 09:00

○ Plenary Session 3

Rock-pools as nurseries for co-existing limpets: dynamics of limpet nursery grounds in SW Portugal

Maria Inês Seabra 10:00

The stalked barnacle *Pollicipes pollicipes* fishery at Reserva Natural das Berlengas (Portugal): temporal variation of the harvesters perspective

Alina Sousa 10:15

Quantification of the foraging activity of *Patella caerulea* and *P. rustica* under simulated tides using photographic analysis of radula scratches

Juan Sempere-Valverde 10:30

Drivers of interannual abundance changes in gelatinous carnivore zooplankton in the Iberian Peninsula, (Portugal)

Sónia Cotrim Marques 10:35

COFFEE BREAK

○ Plenary Session 4

Inferred family structure of an endangered species, *Pinna nobilis*, using molecular analyses: implications of connectivity for conservation

Elisabet Nebot 11:30

East to West: Population genomics and hierarchical analyses reveal differential adaptation footprints in the edible sea urchin *Paracentrotus lividus*

Carlos Carreras 11:45

Environmental and phenotypic drivers affect differential genomic responses in two sympatric congeneric fish

Héctor Torrado 12:00

Population genomics revealed independent colonisation events of a global ascidian invader

Xavier Turon 12:15

Disentangling latitudinal diversity gradients in Taxonomic, Phylogenetic, and Functional diversity of Atlantic reef fishes

Nestor E. Bosch 12:30

LUNCH TIME

○ Keynote Session

Keynote session: Population structure in marine organisms: from genetics to genomics

José Guerra-García (U. Sevilla, Spain) 14:00

○ Plenary Session 5

Biofilms shaping compositions of macrofouling assemblages: An initial barrier against NIS settlement?

Eva Cacabelos Reyes 15:00

Do Non-Indigenous Species (NIS) prevailing over native species with climate change effects?

Nuno Castro 15:15

Sampling Techniques Evaluation For Monitoring And Control Of A Non-Native Crab Population

Jose Antonio Martín 15:30

Artificial seaweed monitoring structures (ASMS): the NextSea project approach towards a standardized non-destructive epibenthic sampling methodology

Diego Carreira Flores 15:45

COFFEE BREAK + POSTER SESSION

○ Plenary Session 6

Community structure and habitat characterization of *Neoschrammeniella cf. bowerbankii* (Porifera, Corallistidae) aggregations in the Cantabrian Sea

Pilar Rios Lopez 16:45

Habitats characterization of circalittoral rocky bottoms of the Avilés Canyon System (Cantabrian Sea)

Francisco Sánchez Delgado 17:00

High resolution spatial distribution for the hexactinellid sponges *Asconema setubalense* and *Pheronema carpenteri* in the Central Cantabrian Sea

Augusto Rodríguez-Basalo 17:15

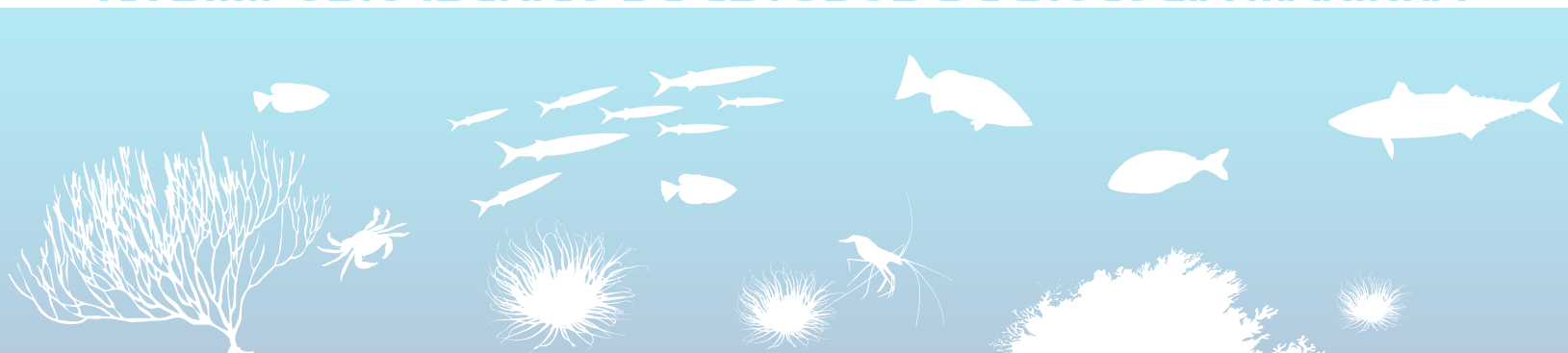
In-situ growth rate assessment of hexactinellid *Asconema setubalense* using 3D photogrammetric reconstruction in El Cachucho Marine Protected Area (Le Danois Bank, Cantabrian Sea)

Elena Prado 17:30

Evolutionary insights derived from comprehensive analyses of DNA barcoding diversity in marine members of the superorder Peracarida (Crustacea: Malacostraca)

Pedro Vieira 17:45

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11 SEPTEMBER

○ Keynote Session

Keynote session: *Doing things better: marine legislation and recovery of ecosystems*

Angel Borja (AZTI Tecnalia, Spain) 09:00

○ Plenary Session 7

Towards a standardized methodology for monitoring and assessing marine mobile epibenthic communities across spatio-temporal scales

Macarena Ros 10:00

Mapping seaweed beds using multi spectral imagery retrieved by unmanned aerial vehicles

Débora Borges 10:15

Phase shifts from macroalgae to Zoantharia: effects on subtropical fish community

Sergio Moreno-Borges 10:30

Predictive model of competition between three species of salt-marsh plants: effects of sedimentary variables and CO₂ concentration

F. Javier Niell 10:45

COFFEE BREAK

○ Plenary Session 8

Characterization of the lonely *Zostera marina* meadows in North Africa and a deep one of the Mediterranean (south to the strait of Gibraltar, Morocco)

Loubna Boutahar 11:30

Collapse of macrophytic communities in a eutrophicated coastal lagoon

Marcos Rubal García 11:45

Chemical Characterization of a New Acidified Region to Study Ocean Acidification in Subtropical Ecosystems

Sara González-Delgado 12:00

History of red coral (*Corallium rubrum*, L. 1758) change in biometric parameters and carbon retention capacity: a meta-analysis in NW Mediterranean

Miguel Mallo 12:15

LUNCH TIME

○ Keynote Session

Keynote session: *Opportunities, threats and challenges of deep-ocean conservation*

Marina Cunha (CESAM, U. Aveiro, Portugal) 14:00

○ Plenary Session 9

Deep water fish ontogenic changes in habitat preferences in several NE Atlantic ecosystems

Alberto Serrano López 15:00

New data of Tetractinellida (Porifera) in Aviles Canyon system and Le Danois Bank (Cantabrian Sea). Results of the SponGES Project

Javier Cristobo 15:15

Distribution patterns of intertidal zoantharian species in the Canary Islands and their relation with ocean temperature

Cataixa Lopez Batista 15:30

Using Biological Traits To Assess Fishing Gear Impacts In The Seabed. The INTERMARES Experience

José Manuel González-Irusta 15:45

COFFEE BREAK + POSTER SESSION

○ Plenary Session 10

Investigation of juvenile Angelshark (*Squatina squatina*) habitat in the Canary Islands to inform protection of this Critically Endangered species

David Jiménez Alvarado 16:45

Stock structure of the common mora in the mid-North Atlantic (Azores archipelago)

Régis V. S. Santos 17:00

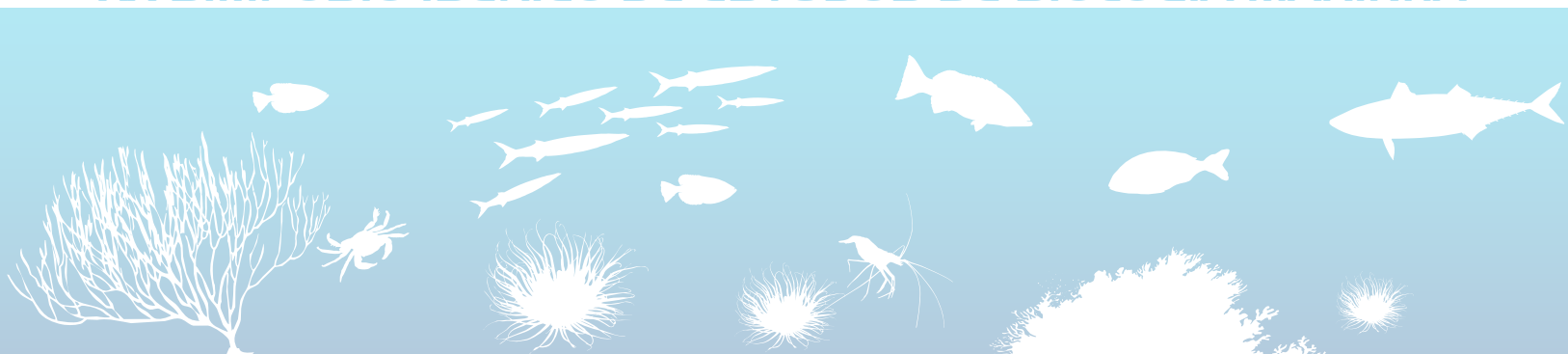
Long term evaluation of spearfishers tournaments in the Canary Islands

Aíram Guerra-Marrero 17:15

Acquired knowledge about Ciguatera Fish Poisoning in the Canary Islands population

Alberto Bilbao-Sieyro 17:45

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12 SEPTEMBER

○ Keynote Session

Keynote session: Physical-biological interactions in the ocean: case studies from the northern Canary Current Upwelling Ecosystem

A. Miguel Santos P. (IPMA, Portugal) 09:00

○ Plenary Session 11

Environmental Education, Citizen Science and Dissemination of Science in a coastal Atlantic community: the role of the CMIA of Vila do Conde

Silvia Morim 10:00

Funchal Marine Biology Station: 20 years of research and promotion of Madeiran and Macaronesian marine biodiversity (NE Atlantic Ocean)

Mafalda Freitas 10:15

Improving perception and acceptability of aquaculture through hands-on experimental activities for schools

Marta Filipa Vitorino Correia 10:30

The Appraisal Importance on Environmental Education Activities - the Case Study of the "School of Nature" Project"

Leonor Cruz 10:45

COFFEE BREAK

○ Plenary Session 12

Combining artificial substrates, morphology and DNA metabarcoding for investigating macrozoobenthic communities in NW Iberia

Barbara Rocha Leite 11:30

Metabarcoding the benthic boundary layer: the role of sampling method and marker characteristics in the DNA signatures obtained at the interface between benthos and plankton

Adrià Antich 11:45

Molecular and morphometric combo reveals extraordinary hidden diversity in European polychaetes from the Phyllodocidae family

Marcos A. Teixeira 12:00

Patterns of spatial and temporal variation in estuarine meiofaunal communities assessed through DNA metabarcoding: a case study in the Lima estuary (NW Portugal)

Maria Fais 12:15

Phylogeography of the deep-sea morid codling *Lepidion lepidion* reveals the presence of two ancient atlantic/mediterranean lineages

David Barros-García 12:30

○ Keynote Session

Keynote session: From microbes to mammals: comprehensive analysis of biodiversity using DNA metabarcoding

Mehrdad Hajibabaei (CESAM, U. Aveiro, Portugal) 14:00

○ Plenary Session 9

Lipidomics of solar-power animals: a tool to unravel the process of kleptoplasty

Felisa Rey 15:00

Health status-associated microbiota fingerprints within the oral cavity of cetaceans

Pedro Soares-Castro 15:15

Occurrence of the toxic dinoflagellate *Alexandrium ostenfeldii* in the coastal waters of the southeastern Bay of Biscay

Luis Ferrer 15:30

Presence of *Vibrio mediterranei* associated to major mortality in stabled individuals of *Pinna nobilis* L

Patricia Prado Villegas 15:45

Comparing toxicity and bioactivity of gold nanoparticles synthesized using two brown algae *Cystoseira* sp

Sofia Machado 16:00

A glance into the global phylogeographic history of hydroids of the superfamily Plumularioidea (Cnidaria, Hydrozoa)

Carlos Moura 16:15

COFFEE BREAK + POSTER SESSION

○ Closing session

17:00

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LUNCH TIME

