



IMMR'14

INTERNATIONAL MEETING ON MARINE RESEARCH

10-11 JULY 2014 » PENICHE · PORTUGAL
Escola Superior de Turismo e Tecnologia do Mar

PROGRAM

10th JULY 2014 · Conference Day 1 ·

08.30 Registration for Meeting Participants
09.30 Opening Session

Biodiversity, Conservation and Coastal Management

- 10.00 Non-linearities in the effects of biodiversity and disturbance on community invasibility: implications for conservation**
FABIO BULLERI *Università degli Studi di Pisa*
Oral Presentation
- 10.30 Exposure to contaminated sediments induces alterations in the gill epithelia in juvenile *Solea senegalensis*: a comparative in situ and ex situ study**
Martins C, Costa MH, Costa PM
- 10.45 *O. vulgaris* paralarvae vertical distribution in a fluctuating upwelling-downwelling system** | *Olmos-Pérez L, Roura A, González A*
- 11.00 Coffee-Break
- 11.30 Prediction of suitable habitats in *Zostera noltii* meadows by Ecological Niche Factor Analysis: A tool for environmental management of coastal**
Fernandez-Diaz CS, Mendez-Martinez G, Fernandez-Suarez E
- 11.45 Comparative analysis of management plans of the Marine Protected Areas of four European Atlantic countries** | *Alvarez-Fernandez I, Naya I, Fernández N, Freire J*
- 12.00 Habitat isolation and size influence the structure of macroinvertebrate benthic assemblages** | *Moniz I, Matias MG, Neto AI, Jenkins SR, Martins GM*
- 12.15 Kelps across the Portuguese coast: evidence of top-down and bottom-up influences**
Franco JN, Wernberg T, Bertocci I, Arenas F, Martinez B, Duarte P, Jacinto D, Vasco-Rodrigues N, Sousa-Pinto I, Tuya F
- 12.30 Predicting estuarine benthic production using functional diversity**
Dolbeth M, Dolédec S, Pardal MA
- 12.45 Evidence of increased anthropogenic emissions of platinum in coastal systems from time-series analysis of mussels samples (1991-2011)**
Neira Del Rio P, Cobelo-García A, Santos-Echeandía J, Besada V
- 13.00 Lunch
- 14.00 Poster Presentation

Oceanography and Maritime Technology

- 14.30 The relevance of organic co-factors in marine systems: the B-vitamins**
SERGIO SAÑUDO-WILHELMY *University of Southern California*
Oral Presentation
- 15.00 Technology-critical elements: a need for evaluating the anthropogenic impact on their marine biogeochemical cycles** | *Cobelo-García, A*
- 15.15 XRF core scanners as a quick and good screening tool for detecting pollution in sediment cores** | *Rubio B, Rodríguez-Germade I, Rey D, Borrego J, Álvarez-Iglesias P*
- 15.30 The concept of a new wave energy converter - the CECO** | *Rosa Santos PJ, Taveira-Pinto FD, Marinheiro J, Ribeiro JP*
- 15.45 Trends in the number of extreme hot SST days along the Canary upwelling system due to the influence of upwelling** | *Costoya X, Decastro M, Gómez-Gesteira M, Santos F*
- 16.00 Coffee-Break

Fisheries and Management

- 16.30 The History of Studying Endothermy in Fishes, focusing on the elasmobranchs**
KENNETH GOLDMAN *Alaska Department of Fish and Game*
Oral Presentation
- 17.00 Including cetaceans in multi-species assessment models from strandings data: why, how and what can be do about it?** | *Saavedra C, Cabrero A, Cedeira J, Cerviño S, Gago J, González-Nuevo G, Howell D, López A, Pierce GJ, Read F, Santos M*
- 17.15 Population genetics of European anchovy (*Engraulis encrasicolus* L.) in the seas of Turkey based on microsatellite DNA** | *Senol Tuncay S, Bardakci F*
- 17.30 Developing simple tools for transferring the biology to the management in small scale fisheries: the case of a sword razor clam fishery in Galicia** | *Hernández Otero A, Macho G, Martínez Castro C, Torres Machado A, Pérez E, Ferreiro P, Gaspar MB, Vázquez E*
- 17.45 Elemental microchemistry, fatty acid profile and geometric morphometrics signatures of goose barnacles (*Pollicipes pollicipes*) reveal their place of origin**
Albuquerque R, Queiroga H, Correia CR, Calado R, Leandro SM
- 20.00 Meeting Dinner at Hotel Soleil Peniche

11th JULY 2014 · Conference Day 2 ·

09.00 Registration for Meeting Participants
09.30 Welcome Session

Seafood Technology

- 10.00 Restructured seafood products using glucomannan**
JAVIER BORDERIAS *ICTAN · Spanish National Research Council (CSIC)*
Oral Presentation
- 10.30 Shelf-life assessment and forecast in retail fresh hake** | *R. Garcia M, Vilas C, Herrera JR, Balsa-Canto E, Alonso AA*
- 10.45 Prevalence of Calicivirus and Hepatitis A virus in Bivalve Mollusks from Galicia**
Polo D, Varela MF, Alvarez C, Romalde JL
- 11.00 Coffee-Break
- 11.30 Sensitivity improvement of an immuno-detection method for azaspiracids based on the use of microspheres coupled to a flow-fluorimetry system** | *Fraga Corral M, Vilariño N, Louzao M, Botana L*
- 11.45 Seaweed extracts as edible coatings for minimally processed products** | *Augusto A, Pedrosa R, Silva S*

Aquaculture

- 12.00 Growth curve modeling, a new perspective on fish growth dynamics: implications for fisheries research and aquaculture**
AGNAR STEINARSSON *Marine Research Institute*
Oral Presentation
- 12.30 Effect of different binders and encapsulation techniques in the structure and functional properties of microdiets for fish larvae** | *Santos A, Pinto W, Grenha A, Dias J, Engrola S, Izquierdo M, Yúfera M, Conceição LE*
- 12.45 Survival of the probiotic bacteria *Lactobacillus rhamnosus* in seawater and its bioencapsulation in the brine shrimp *Artemia*** | *Ofelio C, Ruiz P, Paltrinieri A, Pintado J, Planas M*
- 13.00 Lunch
- 14.00 Poster Presentation

- 14.30 Assessing the nutritional value of mussel (*Mytilus galloprovincialis*) biodeposits as a possible food source for deposit-feeding holothurians in integrated multi-trophic aquaculture** | *Irisarri J, Fernández-Reiriz M, Labarta U*
- 14.45 Dietary probiotic supplementation improved gut amylase to trypsin ratio in European seabass reared at different rearing temperatures and survival after handling stress** | *Pereira LF, Gonçalves J, Domingues AF, Peixoto MD, Braga SF, Sansuwan K, Santos G, Ozorio R*
- 15.00 De novo assembly of Manila clam (*Ruditapes philippinarum*) and protozoan parasite (*Perkinsus olseni*) transcriptome from RNA-Seq data** | *Hasanuzzaman AF, Sanchez DR, Harrison P, Tato AG, Alvarez Dios JA, Fernández-Boo S, Cao A, Villaiba A, Pardo BG, Martínez P*
- 15.15 Use of probiotics intercropped with plant protein diets and their influence on the growth performance and immunological status of Senegalese sole (*Solea senegalensis*)** | *Batista S, Faria P, Costas B, Fernandes JO, Valente LP, Ozório RA*

Blue Biotech

- 15.30 Modern marine drug discovery in the post-genomic era**
BRADLEY MOORE *Scripps Institution of Oceanography & Skaggs School of Pharmacy and Pharmaceutical Sciences · University of California at San Diego*
Oral Presentation
- 16.00 A physiological study of integument secretions in the marine polychaete *Eulalia viridis* and their potential biotechnological value** | *Rodrigo AP, Alves de Matos AP, Carrapiço F, Costa MH, Costa PM*
- 16.15 Epigenetic's role in fish pigmentation** | *Cal Delgado L, Morán Martínez P, Cerda Reverter J, Kelsh R, Rotllant Moragas J*
- 16.30 Coffee-Break
- 17.00 A QSAR approach for virtual screening of lead-like molecules en route to antitumor and antibiotic drugs from marine and microbial natural products**
Pereira F, Latino DA, Gaudêncio SP
- 17.15 Evaluation of derived compounds from sponges against induced oxidative stress in cortical neurons** | *Leirós M, Alonso E, Rateb ME, Houssem W, Ebel R, Jaspars M, Alfonso A, Botana LM*
- 17.30 Characterization of a new fish-derived bioactive neuropeptide involved in bone remodelling. Its physiological function and therapeutic potential** | *Suarez-Bregua P, Torres-Nuñez E, Prober D, Cerdá-Reverter J, Guerreiro PM, Du S, Cañestro C, Rotllant J*
- 17.45 Marine cyanobacteria as sources of new biotechnological applications**
Vasconcelos, V
- 18.30 Happy-Hour at Nau dos Corvos