



## International conference on advances in marine technologies applied to discard mitigation and management

2 · 4 May 2018 | VIGO · Galicia (SPAIN)

### Preliminary Programme



MAY  
Wednesday, 2<sup>nd</sup>

- 08:30 • Registration
- 09:30 • Welcome session
- 09:45 • Opening session

**KEYNOTE SPEAKER:**

Mr. Rashid Sumaila (University of British Columbia, Canada)  
*"The role of climate change, fisheries subsidies and large scale high seas protection on the conservation and fair sharing of the global ocean"*

**10:30 • THEMATIC SESSION TOPIC 1: Advances onboard**

**CHAIRMAN:**

Mr. Juan Santos (Thuenen Institute, Germany)  
*"Bycatch reduction at sea: Expanding the toolbox in the view of the EU Landing Obligation"*

**INVITED SPEAKER:**

Mr. Greg Hamman (Marine Instruments, Spain)  
*"Discard Monitoring and Evaluation with Electronic Monitoring Technologies"*

**11:00 • Coffee break**

**11:30 • THEMATIC SESSION TOPIC 1:**

**Technical talks**  
(10' talk + 2' questions)

Ms. Dorothee Koop (IFEREMER, France)  
*"A promising selective device for multi-species trawl fisheries: the T90 cylinder"*

Ms. Lucy Southworth (University of Bangor, United Kingdom)  
*"Trialling disruptive technology using a square mesh panel incorporating artificial light to reduce bycatch in the Isle of Man queen scallop trawl fishery"*

Ms. Sonia Méhault (IFREMER, France)  
*"Escapement patterns of red mullet and horse mackerel facing three different trawl selective devices"*

Ms. Catalina Román (IFOP, Chile)  
*"Rigid separation grid device in demersal trawls fisheries: Have implications in discard reduction?"*

Mr. Barry O'Neill (DTU, Denmark)  
*"Using illuminated grids to separate fish in the codend extension"*

Mr. Amos Barkai (OLSPS, South Africa)  
*"OLRAC Electronic Logbook and Image-Recognition Solutions: A fully integrated Electronic Monitoring and Reporting (EMR) solution"*

Mr. Sebastian Uhlman (ILVO, Belgium)  
*"Digital image analysis of flatfish injuries"*

Mr. Carlos Vilas (IIM-CSIC, Spain)  
*"An innovative technology for on board automatic identification and quantification of the catch"*

Ms. Cristina Barragán (University of Cádiz, Spain)  
*"Physiological recovery after bottom trawling as a method to manage discards: the case study of Nephrops norvegicus and Squilla mantis"*

Mr. Ignacio Ruiz-Jarabo de la Rocha (University of Cádiz, Spain)  
*"Evaluation of survival capacity and physiological recovery after longline capture of the blackspot seabream (Pagellus bogaraveo)"*

Mr. Fernando Martín (University of Vigo, Spain)  
*"Use of computer vision on board to monitor discards"*

**14:00 • Lunch**

**15:00 • THEMATIC SESSION TOPIC 2:**

**Data Management and Processing**

**CHAIRMAN:**

Mr. Petri Suuronen (Luke, Natural Resources Institute - Finland)  
*"Solutions for data acquisition, management and processing of fisheries discards, with potential contribution for fisheries management"*

**INVITED SPEAKER:**

Ms. Cristina Morgado (European Fisheries Control Agency, Spain)  
*"Discards estimates as a tool to evaluate compliance"*

**INVITED SPEAKER:**

Mr. Xosé Tubío (S.G. Control and Inspection - MAPAMA, Spain)  
*"Electronic tools in place in Spain for catch reporting and quota management"*

## 16:00 • THEMATIC SESSION TOPIC 2:

### Technical talks

(10' talk + 2' questions)

Ms. Amparo Pérez (FAO, Italy)

*"Discards in European demersal fisheries"*

Mr. Amos Barkai (OLSPS, South Africa)

*"The development and use of a "real-time" data management system with a map-based interface to better inform the management of Shetland islands' inshore fisheries: A case study"*

Ms. Maitane Grande (AZTI, Spain)

*"Taking another step forward: system of verification of the Code of Good Practices in the Spanish tropical tuna purse seiner fleet operating in the Atlantic, Indian and Pacific oceans"*

Mr. José María Bellido (IEO-Murcia, Spain)

*"Predicting possible fishing strategy outcomes due to the EU landing obligation"*

Mr. Petri Suuronen

(Luke, Natural Resources Institute · Finland)

*"Monitoring and management of fisheries discards"*

Mr. Francisco Landeira (CESGA, Spain)

*"Spatial Data Infrastructure technologies applied in LIFE iSEAS project to improve efficient fishing"*

## 17:30 • 18:30 • Coffee break and Poster Session

## 19.30 • Bus to the MARTEC18 Welcome Reception.

Departure point at MARTEC'18 Venue  
(C/ Policarpo Sanz, 24-26)

## 20:00 • Welcome Reception hosted by Concello de Vigo • Quiñones de León



MAY  
Thursday, 3<sup>rd</sup>

## 06:30 • 08:30 • Visit to the Fish Auction of the Port of Vigo 09:45 • Opening session

### KEYNOTE SPEAKER:

Mr. Tom Catchpole (CEFAS, United Kingdom)

*"Advances in Marine Technologies Applied to Discard Mitigation and Management"*

## 10:30 • THEMATIC SESSION TOPIC 3: Solutions in land

### CHAIRMAN:

Ms. Begoña Pérez-Villarreal (EIT Food CLC South, Spain)

& Mr. Jean Pascal Bergé (former IDMer Director, France)

*"Small decentralized processing unit or large scale processing plant?"*

### INVITED SPEAKER:

Mr. David Cabanelas (Valora Marine Ingredients S.L., Spain)

*"Use of discards for valorization fishmeal and pet food"*

## 11:15 • Coffee break

## 11:45 • THEMATIC SESSION TOPIC 3: Solutions in land (cont)

### INVITED SPEAKER:

Mr. Javier Borderías (ICTAN-CSIC, Spain)

*"By-catch valorization in Galician waters"*

### INVITED SPEAKER:

Mr. Mike van't Land (ILVO, Belgium)

*"Potential valorisation of by-products from the Belgian fisheries: fish silage as protein source in animal feed"*

### INVITED SPEAKER:

Mr. Ricardo I. Pérez (IIM-CSIC, Spain)

*"A Smart pilot plant to valorize biomass associated to the new landing obligation: The LIFE iSEAS initiative"*

## 12:50 • THEMATIC SESSION TOPIC 3: Solutions in land (10' talk + 2' questions)

Mr. Bruno Iñarra (AZTI, Spain)

*"Simplified methodology for the selection of an option for unavoidable unwanted catches valorization"*

Mr. Xosé Antón Vázquez (IIM-CSIC, Spain)

*"Marine peptones production from biomass due to the Landing Obligation"*

Mr. Raul Pérez (University of Granada, Spain)

*"Production and fractionation of tuna by-products protein hydrolysates by ultra and nanofiltration"*

Mr. Luis Taboada (IIM-CSIC, Spain)

*"Production of fish protein hydrolysates (FPHs) from three fish species discarded: from lab to pilot plant"*

Ms. Mónica Carrera (IIM-CSIC, Spain):

*"Potential bioactive peptides from the sarcoplasmic fish proteome"*

**14:00** • Lunch

**15:00** • THEMATIC SESSION TOPIC 4:

*Environmental and socio-economic implications of the Landing Obligation*

**CHAIRMAN:**

Mr. Francesc Maynou (ICM-CSIC, Spain)

*"Environmental and socio-economic implications associated to the implementation of the Landing Obligation"*

**INVITED SPEAKER:**

Mr. Sveinn Agnarsson (University of Iceland - Iceland)

*"Using multi-criteria analysis to assess socio-economic impacts of change in management: The case of the Icelandic cod"*

**15:30** • THEMATIC SESSION TOPIC 4:

*Technical talks*

(10' talk + 2' questions)

Mr. Gonzalo Rodríguez

(University of Santiago de Compostela, Spain)

*"Value of time spent in additional tasks imposed by the landing obligation"*

Ms. Julia Calderwood (Marine Institute, Ireland)

*"Simulations showing how the use of discard hotspot maps could help reduce the economic impact of the landing obligation for Irish vessels"*

Mr. José María Bellido (IEO-Murcia, Spain):

*"Coastal areas and small pelagic discards: a spatial planning approach"*

Ms. Marian Torres (University of Algarve, Portugal)

*"Ecological impacts of adopting the discard ban policy in the deep-water crustacean trawl fishery off southern Portugal"*

Ms. Xela García (University of Santiago de Compostela, Spain)

*"Ecological footprint implications of discards reduction in selected fisheries"*

Mr. Gonzalo Rodríguez

(University of Santiago de Compostela, Spain)

*"Input-output analysis of the economic impact of the landing obligation enforcement"*

Mr. Francisco J. Ferreiro

(University of Santiago de Compostela, Spain)

*"Economic result of the valuation of discards through the iDVP of the Port of Marín"*

**17:30 - 18:00** • Coffee break and Poster Session

**20:00** • Bus to the Gala Dinner.

Departure point at MARTEC'18 Venue  
(C/ Policarpo Sanz, 24-26)

**20:30** • Gala Dinner

**Pazo Los Escudos Hotel y Spa Resort**



**MAY**  
**Friday, 4<sup>th</sup>**

**THEMATIC SESSION TOPIC 5:**

*The future of the fishing sector*

**09:15** • Opening session

**KEYNOTE SPEAKER:**

Mr. Ernesto Penas (DG Mare)

*"Implementing the landing obligation under the Common Fisheries Policy"*

**10:00** • Round table with experts from different stakeholders

**MODERATOR:**

Mr. Ernesto Penas (DG Mare)

**PARTICIPANTS** (One introductory talk per participant):

- Mr. Nikos Zampoukas (DG Research)
- Mr. Santiago Urquijo (DG Environment)
- Mr. Pingguo He (FAO, Rome)
- Mr. Juan Carlos Martín Fragueiro (OPROMAR, Spain)
- Mr. Rafael Centenera Ulecia (Secretary General for Maritime Fisheries, Spain)

**11:00** • Coffee break

**11:30** • Round table with experts from different stakeholders (Cont')

**12:15** • General discussion with the audience

**13:30** • Closing Ceremony of MARTEC'18

**16:30 - 20:30** • Visit to Islas Cíes, part of the "Islas Atlánticas National Park"  
Limited seats available