

Wednesday 1st September 2010

**Oral Session**

**8:00 Registration**

**9:00 Welcome**

**9:30 TOPIC 1 : INTERACTION BETWEEN AQUACULTURE, FISHERIES AND ECOSYSTEM**

*Moderators: Z. Suzuki / P. Prouzet*

**P. Addis**

The effects of mining extraction on the Atlantic bluefin tuna (*Thunnus thynnus*) trap fishery of Sardinia (Western Mediterranean)

**C. Chaboud**

Interactions between industrial shrimp fisheries with other fisheries and the environment. Biological and bio-economic aspects, the examples of Madagascar and French Guyana

**A. Fiandrino**

*Escherichia coli* Maximum allowable daily loads (MADL): an environmental management tool for improving the microbiological quality of the Thau lagoon water (French Mediterranean coast)

**P. Guillotreau**

Climate oscillations and tuna-dependent economies

**Coffee break**

**10:30**

**M. Katoda**

An optimization problem of aquaculture and fisheries product

**R. Le Boucher**

Can genetic improvement in aquaculture reduce the impact on fisheries? The case of European sea bass (*Dicentrarchus labrax*) fed on a totally plant-ingredient based diet.

**Z. Suzuki**

Harmonizing aquaculture, fishery and management, challenges in Pacific bluefin tuna

**Lunch**

**Oral Session**

**14.00 CONTINUING TOPIC 1 : INTERACTION BETWEEN AQUACULTURE, FISHERIES AND ECOSYSTEM**

**M. Tada**

Regulation on bluefin tuna catch in the Mediterranean sea and the market expansion for the full cycle farmed tuna

**S. Voisin**

Methodology for Comparing the Environmental and Socio-Economical Impacts of the Fishery and aquaculture Supply Chains: from wild fish in the water to protein on the consumer plate

**TOPIC 2 : MITIGATING MEASURES AND GOOD PRACTICES IN FISHING AND AQUACULTURE ACTIVITIES**

**R. Babaran**

Measurement of the resonant vibrations of bamboo used for fish aggregating devices

**J.-L. Coeurdaicier**

Is global serum protein a good indicator for stress and welfare in reared sea bass

**C. Fauvel**

Control of bluefin Tuna reproduction: a condition for self sustained aquaculture

**16:00 Coffee break and Poster Session**

**H. Fukuda**

**16:30** Ontogenetic changes in schooling behaviour and transmission of behaviour between individuals of Pacific bluefin tuna juveniles.

**G. Moreno**

Fishers' echo- sounder buoys to study fish aggregations around drifting FADs

**T. Yasuda**

Estimating the rate of energy expenditure in red sea bream *Pagrus major* using an acceleration logger

**M. Nalovic**

Reducing the effects of shrimp trawling on the Guyana's plateau ecosystem

12:30

*Thursday 2nd September 2010*

**Oral Session**

**8:30** **TOPIC 2 : MITIGATING MEASURES AND GOOD PRACTICES IN FISHING AND AQUACULTURE**  
ACTIVITIES

*Moderators: T. Takagi /J. Sacchi*

**D. Priour**

Numerical method for energy optimization of bottom trawl

**B. Séret**

**TOUR**

«MADE» Project: Methods to release Elasmobranches from purse seine

**S. Shirakashi**

Parasitic infections observed in artificially bred Pacific bluefin tuna, *Thunnus orientalis*

**T. Takagi**

Dynamic analysis in the development of offshore net-cage aquaculture system for bluefin tuna by using computer simulation system NaLA

**10:30 Coffee break and Poster Session**

**11:00 S. Torisawa**

Three-dimensional monitoring of free-swimming Pacific bluefin tuna cultured in a net cage using a digital stereo-video camera system

**T. Tsuda**

Visibility range of juvenile Pacific bluefin tuna, *Thunnus orientalis*, related to the turbidity and the color sensitivity in the net-cage

**12:00 Lunch**



Friday 3rd September 2010

**Oral Session**

**8:30** **TOPIC 3 : INTEGRATION OF FISHERIES AND AQUACULTURE INDUSTRIES INTO PLANNING AND MANAGEMENT**

*Moderators: M. Kadota /C. Chabout*

**L. David**

Synthesis of scientific studies undertaken during six years on the Mediterranean "thonaille" fishery: bycatch and solutions

**G. Fabi**

Artificial reefs as fisheries management tools in the northern Adriatic Sea

**H. Farrugio**

A Fisheries restricted area in the Gulf of Lions (France)

**M. Goujon**

Actions of the French purse-seine industry to reduce its footprint on the tropical pelagic ecosystem

**O. Guyader**

Moored Fishing Aggregating Devices exploitation by Small-Scale Fleet in the Caribbean: Review and Outlook after 20 years

**10:30 Coffee break and Poster Session**

**11:00 R. Parker**

Ecological footprint and life cycle assessment of Antarctic krill fishery products

**D. Sauzade**

Mediterranean marine ecosystems: an economic valuation

**TOPIC 4 :GOVERNANCE SYSTEM**

*Moderators: M. Tada / Y. Henocque*

**B. Cazalet**

Indeterminacy of waters under the jurisdiction in the Mediterranean

**J.-M. Fromentin**

Overfishing : the Atlantic bluefin tuna case

**12:30 Lunch**

**Oral Session**

**14:00 CONTINUING TOPIC 4 : GOVERNANCE SYSTEM**

**Y. Henocque**

What makes the difference between the ecosystem approach to fisheries and integrated coastal zone management in the Mediterranean: it's the economy, stupid!

**N. Miyashita**

Seedling Production of the Pacific Bluefin Tuna.

**S. Pioch**

Toward a new coastal development: the 4 dimensional uses of the sea

**16:00 Coffee break and Poster Session**

**16:30 Conclusions**

## Session Poster

### TOPIC 1 : INTERACTION BETWEEN AQUACULTURE, FISHERIES AND ECOSYSTEM

#### **D. Banaru**

Food web and fisheries interactions in the Gulf of Lions

#### **V. Cikes**

Reproductive cycle and minimal length at sexual maturity of *Scomber japonicus* (Houttuyn, 1782) in the Middle eastern Adriatic Sea

#### **F. Grati**

Interaction in coastal waters: A roadmap to sustainable integration of aquaculture and fisheries – the COEXIST project

#### **I. Isajlovic**

Preliminary results of the south Adriatic deep sea fauna investigation

#### **Y. Kunimune**

Acoustic telemetry study on seasonal migration patterns of the endemic crucian carp Nigorobuna and Gengoroubuna in Lake Biwa, Japan

#### **O.Serais**

Investigating an avian source of shellfish microbial contaminations on Thau in dry weather conditions

#### **N. Staglicic**

Temporal changes in littoral fish assemblages along the eastern Adriatic coast

#### **B. Zorica**

Growth, age - otolith weight and length relationship of garfish in the eastern Adriatic Sea

### TOPIC 2 : MITIGATING MEASURES AND GOOD PRACTICES IN FISHING AND AQUACULTURE ACTIVITIES

#### **J.-L Coeurdacier**

A first approach to investigate alterations, within physiological limits, in serum protein of sea bass (*Dicentrarchus labrax*)

#### **N. Di -Meglio**

Endangered species and fisheries in the Western Mediterranean: Which strategy to mitigate the interaction?

#### **J. Franco**

New Designs of Drifting Fish Aggregating Devices to avoid passive catches of sea turtles and sharks

#### **T. Kojima**

Estimation of fish struggle energetics using branch line movement in longline

#### **K. Komeyama**

Measuring the swimming behaviour of a cultivated pacific bluefin tuna in an aquaculture net cage

#### **K. Nagamatsu**

Investigation of submersible net cage movement using a model Orientation changes due to asymmetric surplus buoyancy

#### **M. Pinault**

Artificial reefs as a tool to supply artisanal fishery in Reunion Island: Implementation and scientific evaluation

#### **T. Šegvic Bubic**

Wild fish population around the sea-cages of the eastern Adriatic tuna farms

#### **F. Poisson**

Incidental catches of thresher sharks in the Gulf of Lions (Mediterranean Sea)

*Session Poster*

**TOPIC 2 : MITIGATING MEASURES AND GOOD PRACTICES IN FISHING AND AQUACULTURE ACTIVITIES**

**T. Yamane**

Effects of currents and the induced net deformation on set-net fishery, experimental and numerical approach

**T. Yamane**

Human impact on the catch composition of traditional set-net operated in the south-basin fishing ground of Lake Biwa

**T. Yamane**

Relationship between the discards and catch-diversity of the set-net fishery

**T. Yamane**

How to minimize the discards from set-net fishery

**TOPIC 3 : INTEGRATION OF FISHERIES AND AQUACULTURE INDUSTRIES INTO PLANNING AND MANAGEMENT**

**B. Cazalet**

Reflections on the management methods of artificial reefs

**F. Claro**

GTMF (Groupe Tortues Marines France) an appropriate tool for sea turtle conservation

**TOPIC 4 : GOVERNANCE SYSTEM**

**J. Barde**

Fisheries Data Integration for Ecosystem Approach to Fisheries

**A. Carpentier**

The Charm Project: Defying the Channel's loss by facing environmental challenges across borders

**H. Farrugio**

Monitoring Mediterranean fish stocks and fisheries management measures