

Thematic Session	Presentation time	Presentation number	Presenting author	Presentation title
<b>Plenary Session</b>	9:00-10:00	PSO1	Pedro Raposo de Almeida	
<b>S1 Regulated rivers and Connectivity</b> ----- Wednesday June 13	11:00-11:15	S101	Gonçalo Duarte	Potential European distribution of diadromous fish species in early 20th-century
	11:15-11:30	S102	Marc Ordeix	FISH MIGRATION ASSESSMENT BY ACOUSTIC TELEMETRY IN THE LOWER EBRE RIVER (CATALONIA, NE IBERIAN PENINSULA)
	11:30-11:45	S103	Michael Ovidio	Seasonal movements and home range use by native cyprinids and non-native catfish in a large regulated river
	11:45-12:00	S104	Amaia A. Rodeles	Considering habitat quality in habitat accessibility indices. An example for a well-known anadromous fish species.
	12:00-12:15	S105	Rosa Olivo del Amo	MAPPING RIVER FRAGMENTATION IN EUROPE: THE "AMBER" BARRIER ATLAS
	12:15-12:30	S106	Ana Sánchez Pérez	FLOW REGIME ALTERATION EFFECTS ON THE SENTINEL IBERIAN Luciobarbus sclateri IN A MEDITERRANEAN BASIN
	12:30-12:45	S107	Inês Oliveira	Impact of flow regulation for hydroelectric production in the life cycle of a potamodromous fish species
	14:15-14:45	S108	Francisco J. Oliva-Paterna	USE OF FISH PASSES IN A HIGHLY REGULATED MEDITERRANEAN RIVER: FINAL INSIGHTS AND LESSON LEARNED IN THE LIFE+ SEGURA-RIVERLINK
	14:45-15:00	S109	Susana Amaral	PASSAGE PERFORMANCE OF POTAMODROMOUS CYPRINIDS OVER AN EXPERIMENTAL LOW-HEAD RAMPED WEIR: EFFECTS OF SLOPE AND RAMP LENGTH
	15:00-15:15	S1010	GUSTAVO GONZALEZ	PERFORMANCE OF A POOL AND WEIR FISHWAY FOR IBERIAN CYPRINIDS MIGRATION. A CASE STUDY
	15:15-15:30	S1011	Esmeralda Pereira	Migratory movements of catadromous thin-lipped grey mullet (Chelon ramada Risso, 1827) through a vertical slot fish pass
	15:30-15:45	S1012	Sílvia Pedro	MIGRATORY PATTERNS OF POTAMODROMOUS FISH SPECIES ASSESSED THROUGH A VERTICAL-SLOT FISH PASS
	16:15-16:30	S1013	José Maria Santos	ACTION PLAN FOR THE OPTIMIZATION OF THE FISH LIFT BUILT AT THE TOUVEDO HYDROPOWER PLANT – FINAL RESULTS
	16:30-16:45	S1014	Ana Filipa Belo	MONITORING A FISH PASS DESIGNED FOR ALLIS AND TWAITE SHAD: A TOOL FOR MANAGEMENT AND CONSERVATION
	16:45-17:00	S1015	Susana Amaral	PASSAGE BEHAVIOUR OF POTAMODROMOUS CYPRINIDS NEGOTIATING A SMALL EXPERIMENTAL WEIR: PASSAGE BY SWIMMING OR JUMPING?
	17:00-17:15	S1016	Rosa Olivo del Amo	DAM REMOVAL EUROPE: REFUTING MYTHS AND SUPPORTING PROFESSIONALS
<b>S2 Sustainable and recreational Fisheries</b> ----- Wednesday June 13	11:00-11:30	S201	Kieran Hyder	Marine recreational fishing in Europe: current status and future challenges
	11:30-11:45	S202	Keno Ferter	Impacts of catch-and-release in European marine recreational fisheries
	11:45-12:00	S203	Pablo Pita	The building of a management system for the marine recreational fisheries of Galicia: a never-ending story
	12:00-12:15	S204	Carlos Alexandre	GAMEFISH – a novel and integrated approach for the promotion and management of recreational fishing in Mediterranean reservoirs
	12:15-12:30	S205	Jorge M.S. Gonçalves	ADDING VALUE TO FISHERIES RESOURCES IN PORTUGAL: THE CASE OF CAVALA (ATLANTIC CHUB MACKEREL)
	12:30-12:45	S206	Nicolas Blanc	VAL+   Small-scale fisheries valorization
<b>S3 Sardine</b> ----- Wednesday June 13	11:00-11:30	S301	Alexandra Silva	STOCK ASSESSMENT AND MANAGEMENT ADVICE OF THE IBERIAN SARDINE
	11:30-11:45	S302	Renato Rosa	Integrating economics and critical depensation in the design of fisheries' policies. The Ibero-Atlantic Sardine.
	11:45-12:00	S303	Enrique González-Ortegón	IMPORTANCE OF THE GULF OF CADIZ AS A NURSERY FOR THE SMALL PELAGIC FISH SARDINA PILCHARDUS
	12:00-12:15	S304	Diana Feijó	THE PORTUGUESE PURSE SEINE FISHERY: WHAT HAS CHANGED IN 10 YEARS?
	12:15-12:30	S305	Antonio Aranis	Criteria to estimate the juvenile reference length of common sardine (Strangomera bentincki) off central-southern Chile
	12:30-12:45	S306	Ana Marçalo	Has the decline in sardine (Sardina pilchardus) affected common dolphin (Delphinus delphis) diet?
	12:45-13:00	S307	Pedro Pousão-Ferreira	Sardine production in aquaculture: is it a myth or reality?
<b>S4 SUSHIFish promoting Genetics in sustainable Aquaculture</b> ----- Wednesday June 13	14:15-14:45	S401	Manuel Manchado	GENOMIC AND EPIGENETIC ADVANCES IN SOLE AQUACULTURE
	14:45-15:00	S402	Adelino VM Canario	SUSTAINABLE PRODUCTION OF HIGH QUALITY AQUACULTURE FISH THROUGH NOVEL PRODUCTION AND PROCESSING STRATEGIES
	15:00-15:15	S403	Rute Martins	Molecular pathways underlying European sea bass thermo-sensitivity
	15:15-15:30	S404	Carlos Carballo	MICROALGAE EXTRACTS EPIGENETICALLY REPROGRAM THE TOLERANCE TO THERMAL STRESS IN SOLEA SENEGALENSIS
	15:30-15:45	S405	Liliana Anjos/Patrícia Pinto	OMICS APPROACHES FOR QUALITY AND SHELF LIFE EVALUATION OF HIGH-PRESSURE (HP) PROCESSED EUROPEAN SEA BASS FILLETS
	16:15-16:30	S406	Pep Rotllant	A knockout approach to understand molecular mechanisms regulating fish pigmentation.
	16:30-16:45	S407	Ainara Valencia	LOST IN TRANSCRIPTION: GONADOTROPINS IN GONADS AND THEIR RECEPTORS IN PITUITARY OF MALE, FEMALE AND INTERSEX MULLET
	16:45-17:00	S408	Pedro Palma	DIFFERENTIAL GENE EXPRESSION OF STC1 AND PTHRP IN LIVER OF EUROPEAN SEA BASS
	17:00-17:15	S409	Rita Costa	TEMPERATURE EFFECTS IN EUROPEAN SEA BASS (Dicentrarchus labrax) EARLY DEVELOPMENT
<b>S5 Marine and Estuarine habitats, assemblages and MPAs</b> ----- Wednesday June 13	14:15-14:30	S501	Barbara Horta e Costa	Regulations matter: MPA typology affects its effectiveness
	14:30-14:45	S502	Jesica Sarmiento Carbajal	PARTICIPATORY MANAGEMENT IN MARINE PROTECTED AREAS: CHARACTERIZATION OF THE DIFFERENT USES OF THE AREA PROPOSED AS A MARINE RESE
	14:45-15:00	S503	Miguel Oliveira	Can the diving industry promote marine conservation and enhance environmental awareness? (Sal Island, Cape Verde case)
	15:00-15:15	S504	Ines Sousa	Assessing the suitability of small MPAs for the recovery of two ray species: the thornback ray and the undulate ray
	15:15-15:30	S505	Ana Filipa Silva	RESERVE EFFECT AND DESIGN ADEQUACY OF AN ALENTEJO COASTAL (SW PORTUGAL) MARINE PROTECTED AREA
	15:30-15:45	S506	Miquel Planas Oliver	SYNGNATHIDS OF CÍES ARCHIPELAGO (ATLANTIC ISLANDS NATIONAL PARK, NW SPAIN)
	16:15-16:30	S507	Joshua Heumüller	Functional diversity of the fish assemblages in the mangroves os São Tomé island (Gulf of Guinea)
	16:30-16:45	S508	Guillermo Follana-Berná	OPTIMIZING EXPERIMENTAL SETTINGS FOR ESTIMATING DENSITY OF COASTAL FISHES USING UNDERWATER CAMERAS
	16:45-17:00	S509	David Espinosa	Temporal variations of the fish species composition in a coastal wetland of Yucatan
	17:00-17:15	S5010	Martina Ilarri	LONG-TERM MONITORING OF FISH AND ITS IMPORTANCE TO DETECT NOVEL THREATS

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<b>Plenary Session</b>	9:00-10:00	PSO2	Marisol Izquierdo	
<b>S6 Biology and Ecology of Marine and Estuarine Fishes</b> ----- Thursday June 14	10:00-10:30	S601	Rui Coelho	DISTRIBUTION PATTERNS OF PELAGIC SHARKS CAPTURED BY LONGLINE FISHERIES IN THE ATLANTIC OCEAN
	10:30-10:45	S602	Vânia Freitas	WHERE ARE THE FLOUNDER? A TRACKING APPROACH TO UNRAVEL FISH MIGRATIONS
	10:45-11:00	S603	Sofia Graça Aranha	Diet and Trophic Position of Deep-Sea Shark Species at the Southern-West Coast of Portugal
	11:30-11:45	S604	Rui Vieira	DISTRIBUTION AND DIVERSITY OF MESOPELAGIC FISH COMMUNITIES OF SEAMOUNTS FROM THE EASTERN ATLANTIC OCEAN
	11:45-12:00	S605	MASSKI Hicham	Fish recruitment dynamics within two major transitional ecosystems of the Northern Moroccan Atlantic
	12:00-12:15	S606	Ester Dias	THE PREVALENCE OF CATADROMY VARIES ALONG THE DISTRIBUTION RANGE OF AN EUROPEAN FLATFISH SPECIES
	12:15-12:30	S607	Karim Erzini	ICHTHYOFAUNA OF THE RIA FORMOSA: AN OVERVIEW OF POPULATION DYNAMICS AND LONG-TERM CHANGES IN SPECIES COMPOSITION AND ABUNDANCE
	12:30-12:45	S608	RAUL LAIZ CARRION	STABLE ISOTOPE ANALYSIS REVEALS TROPHIC INTERACTION OF BLUEFIN (THUNNUS THYNNUS) AND BULLET (AUXIS ROCHEY) TUNA LARVAE
	12:45-13:00	S609	Miguel Planas Oliver	EFFECT OF BIOGEOGRAPHY ON FATTY ACIDS PROFILES IN NEWBORN SEAHORSES
	14:15-14:45	S6010	Alberto T Correia	Fish otoliths: current applications, methodological assumptions and future challenges
	14:45-15:00	S6011	Filipe Martinho	LINKING DAILY GROWTH CHRONOLOGIES AND OTOLITH CHEMISTRY OF JUVENILE EUROPEAN FLOUNDER TO UNRAVEL ESTUARINE NURSERY USE PATTERNS
	15:00-15:15	S6012	Ana Moura	POPULATION STRUCTURE OF ATLANTIC MACKEREL (SCOMBER SCOMBRUS) IN THE NORTH ATLANTIC USING OTOLITH CHEMICAL ANALYSES
	15:15-15:30	S6013	David José Nachón García	MARINE DISPERSION OF TWO RELATED ANADROMOUS EUROPEAN SHADS ALONG FRENCH ATLANTIC COAST BEFORE 2000S POPULATION'S CRASH, INFERRED
	15:30-15:45	S6014	Marcelo Soeth	STOCK IDENTIFICATION OF THE ATLANTIC SPADEFISH FROM SOUTHWESTERN ATLANTIC OCEAN USING OTOLITH CHEMICAL AND SHAPE ANALYSES
	16:15-16:30	S6015	Cláudia Moreira	OTOLITH SHAPE ANALYSIS AS A TOOL TO INFER THE POPULATION STRUCTURE OF THE BLUE JACK MACKEREL, TRACHURUS PICTURATUS, IN THE NE AT
	16:30-16:45	S6016	Alessandra Muniz	BIOGEOCHEMICAL SIGNATURES OF OTOLITHS AS A TOOL TO STUDY THE POPULATION STRUCTURE OF CHUB MACKEREL IN THE NORTHEAST ATLANTIC
	16:45-17:00	S6017	Miguel Correia	Feeding strategy of two Syngnathid species, Hippocampus guttulatus and Syngnathus typhle
	17:00-17:15	S6018	Miquel Planas Oliver	BREEDING SUCCESS AND NEWBORN QUALITY IN THE SEAHORSE HIPPOCAMPUS GUTTULATUS: THE EFFECT OF BROODSTOCK DIET
<b>S7 Riverine Habitats and Conservation</b> ----- Thursday June 14	10:00-10:15	S701	Maria Teresa Ferreira	River basin management: modelling to manage multiple stressors
	10:15-10:30	S702	David Almeida	RELATIONSHIP OF FISH INDICES WITH SAMPLING EFFORT IN A LARGE MEDITERRANEAN RIVER
	10:30-10:45	S703	Mauricio Cetra	EFFECTS OF URBANIZATION ON THE STREAM FISH DIVERSITY FROM ATLANTIC RAINFOREST
	11:30-11:45	S704	Imanol Miqueliez-Legaz	The difficult relationships between irreplaceable rivers and protected areas
	11:45-12:00	S705	Sónia Fragoso	CONCRETE CONSERVATION ACTIONS FOR ANAECYPRIS HISPANICA (SARAMUGO) IN THE GUADIANA BASIN (PORTUGAL) - LIFE SARAMUGO PROJECT
	12:00-12:15	S706	Victoria Rodríguez-Sánchez	FIRST STAGES OF THE FISH COLONIZATION IN THE LAKE AS PONTES (A CORUÑA)
	12:15-12:30	S707	Ana Cristina Cardoso	How to deal with the increased demand for water at ponds?
	12:30-12:45	S708	Gonçalo Duarte	The River Network Toolkit
<b>S8 Physiology, Endocrinology and Toxicology</b> ----- Thursday June 14	10:00-10:15	S801	Sílvia Gregório	REGULATION OF BICARBONATE SECRETION IN MARINE FISH INTESTINE BY THE CALCIUM-SENSING RECEPTOR
	10:15-10:30	S802	Héctor Lorente-Martínez	EVIDENCE OF POSITIVE SELECTION INDICATES ROLE OF AQUAPORINS IN THE WATER-TO-LAND TRANSITION OF MUDSKIPPERS
	10:30-10:45	S803	Ignasi Sanahuja	DORSAL AND VENTRAL EPIDERMAL MUCUS CHARACTERIZATION IN SENEGALESE SOLE: RESPONSE TO ACUTE STRESS
	10:45-11:00	S804	Catarina Moreira	OESTROGEN DIFFERENTIALLY MODULATES OXIDATIVE BURST CAPACITY AND ROS-SIGNALING IN LYMPHOID AND MYELOID CELLS OF THREE MAJOR LYMP
	11:30-11:45	S805	Mauro Chivite	SEROTONERGIC ACTIVITY FROM HYPOTHALAMUS OF RAINBOW TROUT DURING MEAL TIME. IMPLICATION IN FOOD INTAKE REGULATION
	11:45-12:00	S806	Cristina Velasco	CCK-8 and GLP-1 intracerebroventricular treatment affect hindbrain and hypothalamic fatty acid-sensing and control of food intake
	12:00-12:15	S807	Sara Comesaña	Effects of leucine and valine intraperitoneal treatment on food intake and hypothalamic amino acid sensing systems in rainbow tr
	12:15-12:30	S808	Peter Hubbard	DIFFERENTIAL EFFECTS OF SUB-LETHAL CONCENTRATIONS OF COPPER AND NIKEL ON OLFACTORY SENSITIVITY IN THE MOZAMBIQUE TILAPIA
	12:30-12:45	S809	Marco Tarasco	ZEBRAFISH SYSTEMS TO ASSESS THE OSTEOTOXICITY OF POLYCYCLIC AROMATIC HYDROCARBONS
	12:45-13:00	S8010	Filipe Costa	Mercury accumulation in fish species along the Portuguese Coast: Is there a potential risk for human health?
<b>S9 Eels</b> ----- Thursday June 14	10:00-10:15	S901	Lluís Zamora	SEASONAL RECRUITMENT OF GLASS EELS (ANGUILLA ANGUILLA) IN THE RIVER TER (NE SPAIN)
	10:15-10:30	S902	MARIA MATEO	IMPACTS THAT CAUSE THE HIGHEST MORTALITY OF TEMPERATE EELS DO NOT NECESSARILY HAVE THE GREATEST INFLUENCE ON SPECIES
	10:30-10:45	S903	João Marques	Silver Eel Migration Dynamics: The Case Study of Santo André Lagoon
	10:45-11:00	S904	Maria Correia	EUROPEAN EEL (ANGUILLA ANGUILLA) IN SANTO ANDRÉ LAGOON: SOCIOECONOMIC IMPORTANCE, CONSERVATION ISSUES AND MANAGEMENT CHALLENGES
	11:30-11:45	S905	Estibaliz Díaz	IS FUTURE CLIMATE CHANGE AN ADDITIONAL THREAT TO EUROPEAN EEL?
	11:45-12:00	S906	Catarina Santos	Global warming and ocean acidification challenge the European eel riverward migration
	12:00-12:15	S907	Mercedes Herrera	From transient to sedentary: changes in the home range and movements environmental patterns of eels in a Mediterranean river
	12:15-12:30	S908	Rui Monteiro	MIGRATION AND ESCAPEMENT OF SILVER EELS, ANGUILLA ANGUILLA, FROM A SOUTHWESTERN EUROPEAN RIVER
	12:30-12:45	S909	Pilar Munoz	BIOLOGY AND ECOLOGICAL ADAPTATION OF EUROPEAN EELS FROM MAR MENOR: AN ENDANGERED SPECIES LIVING IN AN ENDANGERED ECOSYSTEM
	12:45-13:00	S9010	Isabel Domingos	The Impossible Mission – Stop the illegal trade of glass eels
<b>S10 Biology and Ecology of Freshwater Fishes</b> ----- Thursday June 14	14:15-14:45	S1001	Lluís Benejam	SIZE SPECTRA AND OTHER SIZE-RELATED VARIABLES OF RIVER FISH COMMUNITIES: SYSTEMATIC CHANGES ALONG THE ALTITUDINAL GRADIENT
	14:45-15:00	S1002	Francisco Villa-Navarro	SPATIAL VARIATION IN THE FUNCTIONAL DIVERSITY OF WETLANDS IN THE TROPICAL DRY FOREST, COLOMBIA
	15:00-15:15	S1003	Christos Gkenas	SPATIAL PATTERNS OF FISH ASSEMBLAGES IN THE TAGUS RIVER BASIN, PORTUGAL
	15:15-15:30	S1004	Francisco Blanco-Garrido	Species-habitat relationships, population structure and conservation status of an exclusive native fish community in Genal river
	15:30-15:45	S1005	Filipe Ribeiro	FINDING A NEEDLE IN A HAYSTACK: A MODEL-BASED FRAMEWORK TO SUPPORT SURVEYS AND DEFINITION OF CONSERVATION AREAS FOR RARE FISHES
	16:15-16:30	S1006	José M. Santiago	BROWN TROUT GROWTH: INFLUENCE OF POPULATION, COMMUNITY AND PHYSICAL HABITAT
	16:30-16:45	S1007	Javier Sánchez Hernández	Modelling growth patterns of brown trout: a case study from the River Landro (NW Spain)
	16:45-17:00	S1008	Pablo Caballero	Sea trout (Salmo trutta Linnaeus, 1758) in Galicia (NW Iberian Peninsula)
	17:00-17:15	S1009	Clive Dove	RECOVERY OF EUROPEAN STURGEON (Acipenser sturio L., 1758). PROJECT SOLLO.
<b>S11 Sustainable Aquaculture</b> ----- Thursday June 14	14:15-14:45	S1101	Jorge Dias	NUTRITIONAL SOLUTIONS TOWARDS THE SUSTAINABLE INTENSIFICATION OF AQUACULTURE
	14:45-15:00	S1102	Luciano Vílchez-Gómez	DESIGN AND EVALUATION OF DIETS FOR A SUSTAINABLE AQUACULTURE OF MUGILIDAE (MUGILDIET)
	15:00-15:15	S1103	Rita Teodósio	OPTIMISED DIETS FOR A MORE SUSTAINABLE TILAPIA PRODUCTION
	15:15-15:30	S1104	M Angeles Esteban	POSSIBLE APPLICATIONS OF DATE PALM (Phoenix dactylifera L.) SEEDS IN FISH
	15:30-15:45	S1105	Denise Schrama	CHARACTERIZATION AND MODULATION OF FISH ALLERGENICITY TOWARDS THE PRODUCTION OF A LOW ALLERGEN FARMED FISH
	16:15-16:30	S1106	Andreia CM Rodrigues	EFFECTS OF ESSENTIAL AMINO ACIDS ON OXIDATIVE STRESS AND ENERGY ALLOCATION IN RAINBOW TROUT UNDER INCREASED TEMPERATURES
	16:30-16:45	S1107	Rui JM Rocha	OXIDATIVE DEFENSES AND ENERGY ALLOCATION OF DIPLOID AND TRIPLOID O. mykiss EXPOSED TO DIFFERENT TEMPERATURES DURING ANNUAL CYCLE
	16:45-17:00	S1108	Pablo Arechavala López	FISH ESCAPES AND SUSTAINABLE AQUACULTURE MANAGEMENT: STATE-OF-THE-ART
	17:00-17:15	S1109	Bárbara Cavaleiro	PARASITES OF AMBERJACKS FROM MADEIRA: RISK TO AQUACULTURE

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<b>Plenary Session</b>	9:00-10:00	PSO3	Paolo Domenici	
<b>S12 Phylogeography, population genetics, evolution, eDNA</b> ----- Friday June 15	10:00-10:30	S1201	Rita Castilho	Great expectations: the present and the future of seascape genetics
	10:30-10:45	S1202	Anabel Perdices	POPULATION STRUCTURE OF THE IBERIAN FRESHWATER BLENNY SALARIA FLUVIATILIS (ASSO, 1801) USING MICROSATELLITE DATA
	10:45-11:00	S1203	Sara Carona	Distribution and abundance of genotypes in the <i>Squalius alburnoides</i> allopolyploid complex
	11:30-11:45	S1204	Catarina Sofia Mateus	POSTGLACIAL COLONIZATION, GENE FLOW AND SPECIATION OF THE GENUS LAMPETRA IN EUROPE
	11:45-12:00	S1205	Nuria Viñuela Rodríguez	A DETAILED OVERVIEW OF THE GENUS PELASGUS (CYPRINIDAE): PHYLOGENY AND PHYLOGEOGRAPHY, WITH SPECIAL EMPHASIS ON THE IONIAN SPECIES
	12:00-12:15	S1206	Silvia Perea	PHYLOGEOGRAPHY AND GENETIC DIVERSITY ON IBERIAN FRESHWATER FISH ENDEMISMS FROM THE DUERO BASIN
	12:15-12:30	S1207	Ainhoa Agorreta	PHYLOGEOGRAPHY OF ELEOTRIS (GOBIOIDEI) ON THE AMERICAN ATLANTIC AND PACIFIC COASTS
	12:30-12:45	S1208	Ana Serra Silva	Convergent Evolution in Anguilliform Elongation
	14:15-14:45	S1209	Ibon Cancio	MAKING CHILDREN AWARE ABOUT THE SCIENTIFIC METHOD, DNA, AND FISH BIODIVERSITY: ENVIRONMENTAL DNA (eDNA) AND ICTHYOFAUNA DIVERSITY
	14:45-15:00	S12010	Naiara Guimaraes Sales	USE OF ENVIRONMENTAL DNA (eDNA) FOR FISH BIODIVERSITY ASSESSMENT IN BRAZILIAN RIVERS
	15:00-15:15	S12011	Andrea Corral Lou	PHYLOGEOGRAPHY AND SPECIES DELIMITATION OF THE GENUS PHOXINUS RAFINESQUE, 1820 (ACTYNOPTERIGII: CYPRINIDAE) IN THE IBERIAN PENINSULA
	15:15-15:30	S12012	Gaël Denys	TAXONOMIC REVISION OF THE LANGUEDOC STONE LOACH BARBATULA QUIGNARDI (BACESCU-MESTER, 1967) (ACTYNOPTERIGII, CYPRINIFORMES)
	15:30-15:45	S12013	David Barros-García	New insights into the systematics of North Atlantic Gaidropsarus (Gadiformes, Gadidae): flagging synonymies and hidden diversity
<b>S13 Fish Behaviour and welfare</b> ----- Friday June 15	10:00-10:30	S1301	Ana Roque	THE STUNNING SEABREAM: TOWARDS THE IDENTIFICATION OF UNCONCIOUSNESS
	10:30-10:45	S1302	Pablo Arechavala López	ASSESSING WELFARE OF MEDITERRANEAN FARMED FISH: FISH-ETHO-SCORE
	10:45-11:00	S1303	Joao L Saraiva	Domestication and welfare in farmed fish
	11:30-11:45	S1304	Márcio Moreira	PHYSIOLOGICAL RESPONSES TO AN AMYLOIDINUM OCELLATUM OUTBREAK – A WELFARE PERSPECTIVE
	11:45-12:00	S1305	Nicole Colin	WHY USE LETHAL TOOLS IF THE AIM IS TO CONSERVE THE SPECIES? TRENDS IN THE USE OF NON-LETHAL TECHNIQUES IN FISH BIOLOGY
	12:00-12:15	S1306	Miguel Correia	Is filament clipping an effective tool for tissue sampling in <i>Hippocampus guttulatus</i> ?
	12:15-12:30	S1307	Miguel Pais	VISUAL SURVEYS: SPATIAL MODELLING OF FISH BEHAVIOUR HELPS UNDERSTAND OUR MISTAKES
	12:30-12:45	S1308	Vânia Baptista	Personality traits of temperate pelagic fish larvae and implications on habitat choice
	14:15-14:30	S1309	Manuel Vieira	Detecting meagre spawning aggregations through automatic recognition of breeding vocalizations
	14:30-14:45	S13010	Beatriz Pereira	DAILY CYCLES OF MEAGRE ACOUSTIC BEHAVIOUR DURING SPAWNING EVENTS
	14:45-15:00	S13011	Terry J. Donaldson	TERRITORY SWAMPING IN A LEK-LIKE MATING SYSTEM INCREASES MALE COURTSHIP SUCCESS IN A FISH SPAWNING AGGREGATION
	15:00-15:15	S13012	Miquel Planas Oliver	COURTSHIP BEHAVIOUR AND SOCIAL PROMISCUITY IN THE EUROPEAN LONG-SNUITED SEAHORSE <i>HIPPOCAMPUS GUTTULATUS</i> IN CAPTIVITY
	15:15-15:30	S13013	José Maria Santos	SHORT-TERM EFFECTS OF WILDFIRE ASH EXPOSURE ON BEHAVIOUR AND CONDITION OF A CYPRINID FISH, THE IBERIAN BARBEL ( <i>L. BOCAGEI</i> )
	15:30-15:45	S13014	Jorge R. Sánchez-González	DISPERSAL SYNDROME IN TROUT IS PREDICTED BY BEHAVIOUR AND SHAPE BUT NOT METABOLIC RATE
<b>S14 Exotic and invasive species</b> ----- Friday June 15	10:00-10:15	S1401	MIGUEL CLAVERO	The tench is not native, and neither the carp came with the romans or the first pikes with ICONA: Philip II brought them all
	10:15-10:30	S1402	RAMON DE MIGUEL	E-IANS (European Introduced Angling Species): trying to clarify the blurry statements of the main databases
	10:30-10:45	S1403	Ana Veríssimo	POPULATION GENETICS AND INVASION PATHWAYS OF THE NON-NATIVE EUROPEAN PERCH WITHIN IBERIAN FRESHWATERS
	10:45-11:00	S1404	Francesc Rubio	Differences in swimming performance and metabolism between the endangered cyprinodontid <i>Aphanius iberus</i> and the invasive mosquit
	11:30-11:45	S1405	Naiara Guimaraes Sales	From barcoding to eDNA: Importance of multidisciplinary approaches in tackling non-native species
	11:45-12:00	S1406	Rachid BOUHADAD	IMPACT OF NON NATIVE FISH SPECIES INTRODUCTION AND CLIMATE CHANGE ON NATIVE SPECIES STRUCTURE AND ASSEMBLAGE IN INLAND WATERS IN
	12:00-12:15	S1407	Amílcar Teixeira	CAN INVASIVE ALIEN FISH SPECIES ACT AS EFFECTIVE HOSTS OF NATIVE FRESHWATER MUSSELS (UNIONIDAE) IN IBERIA?
	12:15-12:30	S1408	Luisa R Manna	HOW EFFECTIVE ARE NATIVE VS. NON-NATIVE POECILIIDS IN CONTROLLING MOSQUITOES?
	12:30-12:45	S1409	Marco Ferreira	A GIANT'S DIET: ANALYZING THE FEEDING HABITS OF THE EUROPEAN CATFISH, PRELIMINARY FINDINGS.
	14:15-14:30	S14010	Diogo Ribeiro	DIET OF PIKEPERCH <i>Sander lucioperca</i> (Linnaeus, 1758) ACROSS PORTUGUESE BASINS: A FIRST PERSPECTIVE ON DIETARY PATTERNS.
	14:30-14:45	S14011	David Almeida	GROWTH AND REPRODUCTIVE TRAITS OF INVASIVE BLEAK <i>ALBURNUS ALBURNUS</i> ACROSS THE IBERIAN PENINSULA
	14:45-15:00	S14012	João Gago	HOW THE NON-NATIVE PIKEPERCH <i>SANDER LUCIOPERCA</i> IS GROWING IN PORTUGUESE FRESHWATERS?
	15:00-15:15	S14013	Carlos Fernández Delgado	First data on the biology of <i>Pseudorasbora parva</i> (Temminck & Schlegel, 1846) in the Iberian Peninsula
	15:15-15:30	S14014	Quim Pou-Rovira	ECOLOGICAL RESTORATION OF HIGH MOUNTAIN LAKES IN THE PYRENEES BY FISH REMOVAL OR INTENSIVE CONTROL: PROVISIONAL RESULTS OF THE P
	15:30-15:45	S14015	Felipe Morcillo	Pilot project to control with rotenone the invasive exotic species <i>Pseudorasbora parva</i> (Temminck & Schlegel, 1846) (Pisces, Cypr
<b>S15 Climate Change</b> ----- Friday June 15	10:00-10:15	S1501	Marta Pimentel	Juvenile seahorses in a changing ocean: physiological responses of <i>Hippocampus reidi</i> to warming and acidification
	10:15-10:30	S1502	Alexandra Alves	INTESTINAL RESPONSE TO HIGH pCO <sub>2</sub> IN THE EUROPEAN SEA BASS ( <i>Dicentrarchus labrax</i> )
	10:30-10:45	S1503	Catarina Santos	Effects of ocean acidification in the neuroanatomic development of an oviparous shark: a 3D perspective
	10:45-11:00	S1504	Ana Rita Lopes	ABSENCE OF CELLULAR DAMAGE IN TROPICAL NEWLY HATCHED SHARKS ( <i>CHILOSCYLLIUM PLAGIOSUM</i> ) UNDER OCEAN ACIDIFICATION CONDITIONS
	11:30-11:45	S1505	Lisandrina Mari	Response of a cold water species to a warmer environment: phenotypic plasticity and life history trade offs in arctic charr
	11:45-12:00	S1506	Sandra C Silva	STRESS AND OSMOREGULATORY RESPONSES TO THERMAL AND OSMOTIC CHALLENGES IN THE ANTARCTIC FISH <i>Notothenia rossii</i> (Richardson 1844): A PROXY INTO LIFE IN A CLIMATE CHANGE SCENARIO
	12:00-12:15	S1507	Vera Barbosa	EFFECT OF WARMING ON PARALYTIC SHELFISH TOXIN UPTAKE BY JUVENILE SEABREAM ( <i>SPARUS AURATA</i> )
	12:15-12:30	S1508	Rui Cereja	Synergetic effects between temperature and parasitization in the <i>Pomatoschistus microps</i> and <i>Anilocra frontalis</i> interaction.
	12:30-12:45	S1509	Carmen SV Sousa	INNATE IMMUNE RESPONSE AND IMMUNE GENETIC BACKGROUND IN THE COLD: FUNCTIONAL AND MOLECULAR RESPONSES OF THE ANTARCTIC NOTOTHENIIDS TO ENDOTOXINS, PARASITES AND WARM
<b>Plenary Session</b>	16:15-17:15	PSO4	Carol Stepien	