### **Sunday 2nd December**

15.00 - 17.00	Registration	Oceania
17.00 - 19.00	Icebreaker	Macs Brewbar

### **Monday 3rd December**

08.00 - 17.00	Regis	tration	Oceania
08.50 - 10.20		/hakatau ses from dignatries	Soundings Theatre
10.20 - 10.50	Tea/Co	ffee break	Oceania
10.50 - 11.30		ext Plenary ne New Zealand region, 1865–1965	Soundings Theatre
Concurrent Session	SOUNDINGS THEATRE Biodiversity Pattern – Large-Scale 1	RANGIMARIE ROOM 1  Dispersal and Connectivity 1	
11.30 - 11.50	Vanreusel; Free-living nematodes associated with chemosynthetic habitats: a large-scale integrated analysis of distribution and diversity patterns	<b>Miller</b> ; Connectivity and conservation of seamount communities: a seascape genetic approach	
11.50 - 12.10	George; Abyssal species are everywhere – geographical distribution of benthic Copepoda in the deep sea	Howell; Investigating potential larval dispersal from a NE Atlantic seamount (Anton Dohrn) using a Lagrangian particle tracing model.	
12.10 - 12.30	Yasuhara; Patterns and controlling factors of species diversity in the Arctic Ocean	<b>Teixeira</b> ; High connectivity of shrimp across large spatial scales and distinct chemosynthetic habitats	
12.30 - 13.30	Lu	ınch	Oceania

Concurrent	SOUNDINGS THEATRE	RANGIMARIE ROOM 1	
Session	Biodiversity Pattern – Large-Scale 2	Dispersal and Connectivity 2	
13.30 - 13.50	<b>Ross</b> ; Global biogeography of abyssal seacucumbers; species distributions, population genetics and the importance of ecological and historical factors.	O'Hara; The 'L' superhighway: bathyal connectivity across Atlantic, Indian and South Pacific Oceans	
13.50 - 14.10	Woolley; Beta diversity in the deep-sea – patterns of community composition turnover for bathyal species around Australia and New Zealand	Shank; Coral ecosystem diversity in the deep Gulf of Mexico: host coral-invertebrate symbiont relationships and the genetic connectivity of deep-sea coral ecosystems	
14.10 - 14.30	<b>Buhl-Mortensen (Lene)</b> ; Classification of deep-sea habitats and biotopes off Norway	<b>Young</b> ; Dispersal trajectories of cold-seep tubeworm larvae ( <i>Lamellibrachia luymesi</i> ) predicted by ocean models and empirical data on larval development	
14.30 - 14.50	Kaiser; New Zealand's deep-sea isopod crustaceans: spatial patterns of diversity, abundance and composition	<b>Plouviez</b> ; High-throughput population genetics in a deep-sea hydrothermal-vent limpet	
14.50 - 15.10	Lindsay; Biodiversity, community structure and vertical distribution of planktonic cnidarians in the Celebes and Sulu Seas	Beedessee; Dispersal abilities of hydrothermal vent animals in the Indian Ocean inferred from mitochondrial DNA sequencing	
15.10 - 15.40	Tea/Cof	fee break	Oceania
Concurrent Session	SOUNDINGS THEATRE Biodiversity Pattern – Large-Scale 3	RANGIMARIE ROOM 1 Evolution 1	
15.40 - 16.00	Woodall; Meiofaunal community assessment of seamounts on the Southwest Indian Ocean Ridge	Herrrera; Evolutionary history and biogeographical patterns of barnacles from hydrothermal vents	
16.00 - 16.20	Sutton; The deep-pelagic Biome of the Atlantic Ocean: character and ecological discreteness of the meso- and bathypelagic fish faunas	Johnson; Sympatric speciation in the sea: The many faces of Alviniconcha	
16.20 - 16.40	Parker; Distribution and life history of shovelnose dogfish <i>Deania calcea</i> in New Zealand waters	<b>Krylova</b> ; Small vesicomyids (Bivalvia: Vesicomyidae, Vesicomyinae) vs large-size symbiotrophic confamilial relatives	
16.40 - 17.00	<b>Buhl-Mortensen (Pål)</b> ; Cold-water coral habitats in Norway	<b>Voight</b> ; The enigma of high species diversity in wood-boring bivalves	
17.00 - 17.20	твс	<b>Riehl</b> ; On the phylogeny of Macrostylidae (Isopoda) and their position amongst the Janiroidea	
17.20 - 19.00	Poster	session	Oceania

## Tuesday 4<sup>th</sup> December

08.00 - 17.00	Regis	tration	Oceania
		resentation	
08.15 - 09.00	-	Platforms for Research at Hadal Depths	Soundings Theatre
Concurrent	SOUNDINGS THEATRE	RANGIMARIE ROOM 1	
Session	Biodiversity Pattern – Large-Scale 4	Evolution 2	
	Thistle; Minimum range sizes of		
	sediment-dwelling species in the deep	Kim (See-Joo); Diversity of hydrothermal-	
	sea: insights from harpacticoid	vent decapods at Tofua Arc in the	
09.00 - 09.20	copepods	Southwest Pacific using the CO1 barcoding	
		Ardila; Phylogenetic systematics of	
		Coralliidae (Octocorallia): a time-	
	Schnabel; Squat lobster depth	calibrated molecular phylogeny and	
09.20 - 09.40	distribution in the Southwest Pacific	species delimitation of the precious corals	
	Cook (April); Pelagic fish distribution		
	over a mid-ocean ridge system, with		
00.40.40.00	evidence of diel vertical migration by the	<b>Lins</b> ; Distribution and habitat selectivity of	
09.40 - 10.00	bathypelagic fauna	deep-sea canyon nematodes	
	Schnurr; Distribution of selected		
	Munnopsidae (Crustacea, Isopoda, Asellota) species around Iceland linked	<b>de Busserolles</b> ; Spectral tuning in the eye	
10.00 - 10.20	to long-term oceanographic data	of lanternfishes (Myctophidae).	
			Occario
10.20 - 10.50	Tea/Col	ffee break	Oceania
Concurrent Session	SOUNDINGS THEATRE	RANGIMARIE ROOM 1  Autoecology 1	
10.50 - 11.10	Sponsor Announcements	Rodrigues; A bacterium's eye view of	
	Cook (Adam); The International Seabed	chemosynthetic symbioses in bivalves	
	Authority and marine scientific research	from the East Atlantic cold seeps	
		<b>Laming</b> ; Dispersal capacity and symbiont acquisition in <i>Idas</i> sp., a small	
		chemosymbiotic mytilid from deep-sea	
11.10 - 11.30	Baker; INDEEP NOW!	environments	
11.30 - 11.50	Biodiversity Pattern – Intermediate 1		
	Ross; Significant deep-sea coral and	Nunes-Jorge; Symbiotic diversity in deep-	
	hardbottom habitats on the West Florida	sea wood boring Xylophagainae clams	
	Slope, Eastern Gulf of Mexico		
		Cambon-Bonavita; Rimicaris exoculata: all	
	<b>Chivers</b> ; The Biodiversity and Ecology of	you want to know about a complex	
11.50 - 12.10	Senghor Seamount (North Atlantic)	symbiosis	
	Wagstaff; Beta diversity in echinoderms		
	is structured by spatial turnover along a	Forget; Symbiont diversity in the	
	bathymetric gradient in the Porcupine	tubeworm <i>Ridgeia piscesae</i> : Who's in,	
12.10 - 12.30	Seabight and Abyssal Plain	who's out?	
12.30 - 13.30	Lu	ınch	Oceania

Concurrent	SOUNDINGS THEATRE	RANGIMARIE ROOM 1
Session	Biodiversity Pattern – Intermediate 2	Autoecology 2
	<b>Demopoulos</b> ; Biodiversity and	Judge; A 3D investigation of the
	community composition of macrofauna	morphology of lepetellid limpets
	associated with multiple deep-sea coral	(Lepetella sierrai): hypotheses on feeding
13.30 - 13.50	habitats in the Gulf of Mexico	ecology and symbiosis
		<b>Kuhar</b> ; The limits of vision: specialisations
	Brooke; A deep-sea reef community at	in the small eyes of the deep-sea
	unusually shallow depths off	bristlemouth Cyclothone microdon
13.50 - 14.10	northeastern Florida	(Teleostei)
	Kamenskaya; Giant protists	
	(xenophyophores and komokiaceans)	Miyamoto; Development and
	from the ferromanganese nodule fields	reproductive strategy of the bone-eating
14.10 - 14.30	of the Pacific and Atlantic Oceans	worm Osedax japonicus
	Haddock; Metazoan biodiversity	Seike; In situ burrow casting reveals new
14.30 - 14.50	patterns of the deep-sea water column	clues to the deep-sea biology
		Trench 1
14.50 - 15.10	MacIsaac; The larger pelagic crustacea	Kitazato; Trench Biology: Exemplified
	of the Gully Submarine Canyon	from the Japan-Bonin-Mariana Trenches
		cruises
15.10 - 15.40	Tea/Cot	fee break
Concurrent	SOUNDINGS THEATRE	RANGIMARIE ROOM 1
Session	Biodiversity Pattern – Intermediate 3	Trench 2
	Knox; Diversity and evolution of New	Gebruk; Evolutionary relationships in
	Zealand deep-sea Amphipoda examined	trench species of the genus <i>Elpidia</i>
15.40 - 16.00	using molecular methods	(Holothuroidea, Elasipodida, Elpidiidae).
	<b>Durden</b> ; Spatial variation in the	Gerringer; High trimethylamine oxide
	megabenthos at the Porcupine Abyssal	contents in hadal snailfish (Liparidae)
		Contents in riddal shailish (Lipandae)
16.00 - 16.20	Plain	indicate a depth limit for teleost fishes
16.00 - 16.20		
16.00 - 16.20	Plain	
16.00 - 16.20	Plain  Watanabe; Biodiversity of deep-sea	
16.20 - 16.40	Plain  Watanabe; Biodiversity of deep-sea hydrothermal vent fauna and its	indicate a depth limit for teleost fishes
	Plain  Watanabe; Biodiversity of deep-sea hydrothermal vent fauna and its relationships to environments in Okinawa Trough  Grupe; Hard-substrate colonization	indicate a depth limit for teleost fishes <b>Kupriyanova</b> ; Hadal serpulid polychaetes:
	Plain  Watanabe; Biodiversity of deep-sea hydrothermal vent fauna and its relationships to environments in Okinawa Trough  Grupe; Hard-substrate colonization experiments provide insight into	indicate a depth limit for teleost fishes <b>Kupriyanova</b> ; Hadal serpulid polychaetes: calcareous tubeworms beyond the abyss
16.20 - 16.40	Plain  Watanabe; Biodiversity of deep-sea hydrothermal vent fauna and its relationships to environments in Okinawa Trough  Grupe; Hard-substrate colonization experiments provide insight into macrofaunal community patterns at East	indicate a depth limit for teleost fishes  Kupriyanova; Hadal serpulid polychaetes: calcareous tubeworms beyond the abyss  Lecroq; Ultra-deep sequencing of ultra-
	Plain  Watanabe; Biodiversity of deep-sea hydrothermal vent fauna and its relationships to environments in Okinawa Trough  Grupe; Hard-substrate colonization experiments provide insight into macrofaunal community patterns at East Pacific methane seeps	indicate a depth limit for teleost fishes <b>Kupriyanova</b> ; Hadal serpulid polychaetes: calcareous tubeworms beyond the abyss
16.20 - 16.40	Plain  Watanabe; Biodiversity of deep-sea hydrothermal vent fauna and its relationships to environments in Okinawa Trough  Grupe; Hard-substrate colonization experiments provide insight into macrofaunal community patterns at East Pacific methane seeps  Barry; Biology of bathyal benthic	indicate a depth limit for teleost fishes  Kupriyanova; Hadal serpulid polychaetes: calcareous tubeworms beyond the abyss  Lecroq; Ultra-deep sequencing of ultra-
16.20 - 16.40	Plain  Watanabe; Biodiversity of deep-sea hydrothermal vent fauna and its relationships to environments in Okinawa Trough  Grupe; Hard-substrate colonization experiments provide insight into macrofaunal community patterns at East Pacific methane seeps  Barry; Biology of bathyal benthic communities in the Gulf of California:	indicate a depth limit for teleost fishes  Kupriyanova; Hadal serpulid polychaetes: calcareous tubeworms beyond the abyss  Lecroq; Ultra-deep sequencing of ultra-deep sediment
16.20 - 16.40	Plain  Watanabe; Biodiversity of deep-sea hydrothermal vent fauna and its relationships to environments in Okinawa Trough  Grupe; Hard-substrate colonization experiments provide insight into macrofaunal community patterns at East Pacific methane seeps  Barry; Biology of bathyal benthic communities in the Gulf of California: comparison of cold, hypoxic waters in	indicate a depth limit for teleost fishes  Kupriyanova; Hadal serpulid polychaetes: calcareous tubeworms beyond the abyss  Lecroq; Ultra-deep sequencing of ultra-deep sediment  Jamieson; Abyssal and hadal bait-
16.20 - 16.40	Plain  Watanabe; Biodiversity of deep-sea hydrothermal vent fauna and its relationships to environments in Okinawa Trough  Grupe; Hard-substrate colonization experiments provide insight into macrofaunal community patterns at East Pacific methane seeps  Barry; Biology of bathyal benthic communities in the Gulf of California:	indicate a depth limit for teleost fishes  Kupriyanova; Hadal serpulid polychaetes: calcareous tubeworms beyond the abyss  Lecroq; Ultra-deep sequencing of ultra-deep sediment

## Wednesday 5<sup>th</sup> December

08.00 - 17.00	Regis	tration	Oceania
		resentation	
08.15 - 09.00	<b>Tittensor,</b> The deep sea as a	testbed for ecological theory	Soundings Theatre
Concurrent	SOUNDINGS THEATRE	RANGIMARIE ROOM 1	
Session	Biodiversity Pattern – Small 1	Discovery 1	
	Sarrazin; Small-scale variations of	<b>Brandt</b> ; SoJaBio (Sea of Japan Biodiversity) and KuramBio (Kurile Kamchatka Deep-	
	hydrothermal faunal assemblages on the	Sea Biodiversity) studies – joint German-	
	Tour Eiffel edifice (Mid-Atlantic Ridge) in	Russian deep-sea investigations in the	
09.00 - 09.20	relation to abiotic conditions	western Pacific	
	<b>Olu</b> ; Distribution of vesicomyid bivalve	Narayanaswamy; Discoveries made on	
00 30 00 40	species associated to cold seeps in the	seamounts along the Southwest Indian	
09.20 - 09.40	Congo basin: spatial or dynamic control?	Ocean Ridge	
	<b>Paterson</b> ; Characterising habitat complexity – using microCT scanners to	<b>Baco</b> ; DNA barcoding reveals high	
09.40 - 10.00	study coral frameworks	diversity of Hawaiian deep-sea octocorals	
22110 20100	,	Menot; Discovery of a tube-worm	
		dominated hydrothermal vent community	
	Pasulka; The distribution and diversity of	in the South-West Pacific: species	
10.00 10.20	heterotrophic protists in a methane	composition, spatial distribution and	
10.00 - 10.20	seep ecosystem off the coast of Oregon	biogeography	•
10.20 - 10.50		fee break	Oceania
Concurrent Session	SOUNDINGS THEATRE  New Methods and Novel Techniques 1	RANGIMARIE ROOM 1  Discovery 2	
	Sherman; Capturing episodic events in	<b>Cunha</b> ; Biological assemblages of three	
	the deep-sea community using a	new mud volcanoes along deep-reaching	
	continuously monitoring instrument	transform faults in the Horseshoe Abyssal	
10.50 - 11.10	suite	Plain (NE Atlantic)	
	Wagner; Innovations in seep	Nagano; Fungal diversity in deep-sea	
	exploration: remote AUV operations from a shore-based center	environments	
11.10 - 11.30	from a shore-based center	Citylionnicites	
	Bett; Autonomous Ecological Surveying	New Methods and Novel Techniques 2	
	of the Abyss (AESA): Towards a	Glover; What do deep-sea animals do? A	
	landscape-scale perspective in deep-sea	new functional trait classification for	
11.30 - 11.50	ecology	deep-sea fauna	
		Reisenbichler; Taking the laboratory into	
	Robert; Combining landscape ecology	the deep: In situ midwater oxygen- consumption measurements as tools to	
	and species-environment relationships	address the changing vertical distribution	
	for improved high-resolution habitat	of the sergestid shrimp, Sergestes similis,	
11.50 - 12.10	mapping in the deep sea	in Monteray Bay, California	
FREE AFTERNOON	Optional Excursions	s / Explore Wellington	
19.00 - Late	Symposi	um Dinner	The Boatshed

# Thursday 6<sup>th</sup> December

08.00 - 17.00	Regis	tration	Oceania
	Plenary P	resentation	
08.15 - 09.00	Fisher; Impact to deepwater coral gard	ens from the <i>Deep Water Horizon</i> disaster	Soundings Theatre
Concurrent	SOUNDINGS THEATRE	RANGIMARIE ROOM 1	
Session	Temporal Patterns 1	Reproduction and Population 1	
	Fujiwara; Early succession of whale-fall	Hoving; Life-history strategies in oceanic	
09.00 - 09.20	ecosystems in Japanese waters	squid	

12.30 - 13.30	Lu	ınch	Oceania
12.10 - 12.30	Meyer; Increase of litter at the Arctic deep-sea observatory HAUSGARTEN – indirect effect of global warming?	sclerochronological and in situ staining approach to study the growth rate of deep-sea hydrothermal vent mussel shells	
	Human Impacts 1	Nedoncelle; Combined	
11.30 - 11.50	offshore invertebrate biodiversity  Laguionie-Marchais; Inter-annual change in the abyssal plain – the macrofaunal response to climatic changes	Duffy; Scavenging amphipods of the lberian submarine canyons; a comparative analysis at the community and population level	
11 20 11 50	Atkinson; Monitoring South Africa's	Nakamura; Gametogenesis and population structure of a hydrothermal vent gastropod <i>Lepetodrilus nux</i> at different year sites in Okinawa Trough	
11.10 - 11.30	Munro; Temporal and spatial patterns of in situ community structure using timelapse camera systems at a vent field on the East Pacific Rise	Catarino; Postglacial isolation of the Mediterranenan <i>Centroscymnus coelolepis</i> reveals the importance of the Pillars of Hercules as geographical barrier for deep sea sharks.	
10.50 - 11.10	Cuvelier; A comparison of the day-to- day of deep-sea hydrothermal faunal assemblages in the Atlantic and the North-East Pacific – a multidisciplinary observatory approach	Ramirez-Llodra; Reproductive biology and recruitment in the deep-sea fish community of the north-western Mediterranean continental margin	
Concurrent Session	SOUNDINGS THEATRE  Temporal Patterns 2	RANGIMARIE ROOM 1 Reproduction and Population 2	
10.20 - 10.50		fee break	Oceania
10.00 - 10.20	Matabos; Influence of seasonal and episodic events on deep-sea communities in a submarine canyon: First results from the NEPTUNE Canada cabled network	<b>Baillon</b> ; Seasonal reproduction of deepsea pennatulacean corals in the Northwest Atlantic	
09.40 - 10.00	Thresher; Millennial-scale variability in Southern Hemisphere Intermediate Water Mass temperatures from analysis of deep-sea coral proxies	Boschen; Distribution, population structure, reproduction, and diet of Ophiolimna antarctica (Lyman, 1879) from Kemp Caldera in the Southern Ocean	
09.20 - 09.40	Morrongiello; Parallel decadal variability in juvenile growth rates for Northern and Southern Hemisphere Orange Roughy populations	<b>Nye</b> ; Reproductive biology and population structure of the alvinocaridid shrimp <i>Rimicaris hybisae</i> at hydrothermal vents on the Mid-Cayman Spreading Centre	

Concurrent	SOUNDINGS THEATRE	RANGIMARIE ROOM 1	
Session	Human Impacts 2	Trophic & Process 1	
30331011	Haman Impacts 2	·	
	lanes. Eutura raductions in global	<b>Mayor;</b> Is the deep-sea different? A cross- ecosystem study investigating how the	
	Jones; Future reductions in global- ocean benthic biomass predicted as a	quantity and quality of organic matter	
12 20 12 50	result of climate change	influence benthic carbon cycling	
13.30 - 13.50	result of climate change		
		<b>Nodder</b> ; Depth variability of particle fluxes	
	Robison; The consequences of	and implications for the energy	
42.50 44.40	expanding oxygen minimum zones for	requirements of deep-ocean benthic	
13.50 - 14.10	mesopelagic animals	communities	
	Cordes; Roberts' Reef: An enigmatic		
I	cold-water coral mound in the deep-,	Smith; Massive krill falls and high	
	low-aragonite-saturation-state Gulf of	macrofaunal abundance in deep-sea fjords	
14.10 - 14.30	Mexico.	along the West Antarctic Peninsula (WAP)	
	Becheler; Genetic diversity of the		
	coldwater coral <i>Lophelia pertusa</i> in reefs	<b>Drazen</b> ; The role of carrion supply in the	
	exhibiting different levels of	abundance of deep-water fish off	
14.30 - 14.50	environmental impacts	California	
	<b>Taylor</b> ; Don't rock the boat: Impacts of a		
	lost shipping container on the deep-sea	Amaro; The response of deep-sea benthic	
	benthos of the Monterey Bay National	megafauna to sediment gravity flows in	
14.50 - 15.10	Marine Sanctuary, CA	main channel of the Whittard Canyon	
15.10 - 15.40	Tea/Cot	ffee break	Oceania
	,		
Concurrent	SOUNDINGS THEATRE	RANGIMARIE ROOM 1	
Concurrent Session	SOUNDINGS THEATRE  Human Impacts 3	RANGIMARIE ROOM 1 Trophic and Process 2	
	Human Impacts 3		
	Human Impacts 3 Priede; Changes in biomass and		
	Human Impacts 3  Priede; Changes in biomass and population size structure of demersal		
	Human Impacts 3  Priede; Changes in biomass and population size structure of demersal deep-sea fishes of the Porcupine Seabight and Abyssal Plain (ICES Subarea VII), North East Atlantic Ocean;	Trophic and Process 2	
	Human Impacts 3  Priede; Changes in biomass and population size structure of demersal deep-sea fishes of the Porcupine Seabight and Abyssal Plain (ICES Subarea VII), North East Atlantic Ocean; impacts of a deep-water fishery?	Sweetman; Scavenger diversity and	
Session	Human Impacts 3  Priede; Changes in biomass and population size structure of demersal deep-sea fishes of the Porcupine Seabight and Abyssal Plain (ICES Subarea VII), North East Atlantic Ocean; impacts of a deep-water fishery?  Milligan; The effects of oil production on	Sweetman; Scavenger diversity and scavenging rates at jellyfish-falls and fish-falls at the deep-sea floor	
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Session 15.40 - 16.00	Human Impacts 3  Priede; Changes in biomass and population size structure of demersal deep-sea fishes of the Porcupine Seabight and Abyssal Plain (ICES Subarea VII), North East Atlantic Ocean; impacts of a deep-water fishery?  Milligan; The effects of oil production on deep-water fish communities in West Africa: Early results from the DELOS	Sweetman; Scavenger diversity and scavenging rates at jellyfish-falls and fish-falls at the deep-sea floor  Van Oevelen; Insights in faunal feeding strategies in the benthic food webs: a	
Session	Human Impacts 3  Priede; Changes in biomass and population size structure of demersal deep-sea fishes of the Porcupine Seabight and Abyssal Plain (ICES Subarea VII), North East Atlantic Ocean; impacts of a deep-water fishery?  Milligan; The effects of oil production on deep-water fish communities in West	Sweetman; Scavenger diversity and scavenging rates at jellyfish-falls and fishfalls at the deep-sea floor  Van Oevelen; Insights in faunal feeding strategies in the benthic food webs: a compilation of isotope trcaer data	
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Session 15.40 - 16.00	Human Impacts 3  Priede; Changes in biomass and population size structure of demersal deep-sea fishes of the Porcupine Seabight and Abyssal Plain (ICES Subarea VII), North East Atlantic Ocean; impacts of a deep-water fishery?  Milligan; The effects of oil production on deep-water fish communities in West Africa: Early results from the DELOS project  Main; Investigating the effects of deep-	Sweetman; Scavenger diversity and scavenging rates at jellyfish-falls and fishfalls at the deep-sea floor  Van Oevelen; Insights in faunal feeding strategies in the benthic food webs: a compilation of isotope trcaer data  Jeffreys; Differences in benthic food-web structure under two contrasting	
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Session  15.40 - 16.00  16.00 - 16.20	Human Impacts 3  Priede; Changes in biomass and population size structure of demersal deep-sea fishes of the Porcupine Seabight and Abyssal Plain (ICES Subarea VII), North East Atlantic Ocean; impacts of a deep-water fishery?  Milligan; The effects of oil production on deep-water fish communities in West Africa: Early results from the DELOS project  Main; Investigating the effects of deep-sea oil spills on sediment community oxygen consumption  Gates; The SERPENT Project: Exploring	Sweetman; Scavenger diversity and scavenging rates at jellyfish-falls and fishfalls at the deep-sea floor  Van Oevelen; Insights in faunal feeding strategies in the benthic food webs: a compilation of isotope trcaer data  Jeffreys; Differences in benthic food-web structure under two contrasting productivity regimes: NE Atlantic vs W. Mediterranean.	
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## Friday 7<sup>th</sup> December

08.00 - 17.00	Regis	stration	Oceania
	Plenary P	resentation	
08.15 - 09.00		ersal and MPA design in the deep sea	Soundings Theatre
Concurrent Session	SOUNDINGS THEATRE  Conservation and Management 1	RANGIMARIE ROOM 1 Trophic and Process 3	
36331011	Mazurek; Conserving the deep-sea at	Tropine una Frocess 3	
	very large spatial scales: Pew's Global	McClain; The energetics of life on the	
09.00 - 09.20	Ocean Legacy Project	deep seafloor	
	Ross; Use of predictive habitat		
	modelling to assess the distribution and extent of the current protection of	<b>Wolff</b> ; Natural iron fertilisation is reflected in the stable-isotopic composition of	
09.20 - 09.40	'listed' deep-sea habitats	carbon in deep-sea holothurians	
	<b>Bowden</b> ; Evaluation of the New Zealand		
	Marine Environment Classifications	Nomaki; In situ experimental	
	using independent data from the	measurements of carbon fixation on the	
09.40 - 10.00	Chatham Rise and Challenger Plateau.	deep seafloor	
		Flynn; Cross-basin heterogeneity in lanternfish (family Myctophidae)	
	Morato; Setting global conservation	assemblages and isotopic niches (d13C	
	priorities for seamounts: coupling deep-	and d15N) in the southern Tasman Sea	
10.00 - 10.20	sea with pelagic conservation	abyssal basin	
10.20 - 10.50	Tea/Co	ffee break	Oceania
Concurrent	SOUNDINGS THEATRE	RANGIMARIE ROOM 1	
Session	Conservation and Management 2  Dunstan; Conservation on the High Seas	Trophic and Process 4  Bernardino; Comparative composition,	
	<ul> <li>Defining Ecologically and Biologically</li> </ul>	diversity and trophic ecology of sediment	
	Significant Areas (EBSAs) in the South	macrofauna at vents, seeps and organic	
10.50 - 11.10	Pacific	falls	
	Bors; Implications of deep-sea genetic	land to the life of the	
	connectivity patterns for the management of benthic ecosystems in	Wigham; Spatial differences in Southern Ocean hydrothermal vent food webs:	
	the New Zealand Region: Recent work	influences of chemistry, microbiology and	
11.10 - 11.30	and future directions	predation on trophodynamics.	
		Stevenson; Investigation of deep-sea	
	Serpetti; Ecological adaptions of macro-	echinoid feeding ecology in the NE	
11.30 - 11.50	epifauna on deep-sea corals in the Southwest Indian Ocean	Atlantic: Implications for deep-sea coral ecosystems	
11.50 11.50	Jodanwest maian ocean	<b>Choy</b> ; Insights into the trophic ecology of	
	<b>Dunn</b> ; Could an orange roughy fishery	large mesopelagic fishes from the central	
	achieve Marine Stewardship	North Pacific using stomach content and	
11.50 - 12.10	Certification?	fatty-acid biomarker analyses	
		Lacey; Lipid and fatty-acid composition of	
	Clark; Closed areas for deep-sea habitat	Hirondellea dubia (Amphipoda:	
12.10 - 12.30	recovery: a case of shutting the door after the horse has bolted?	Lyssianasidae) from hadal depths within the Kermadec Trench, SW Pacific	
12:30 - 13:30		ınch	Oceania
12.30 - 13.30	LU	IIICII	Oceania

Concurrent	SOUNDINGS THEATRE	RANGIMARIE ROOM 1
Session	New Methods and Novel Techniques 3	New Methods and Novel Techniques 4
	<b>Schoening</b> ; The impact of experts' inter-	
	and intra-observer agreements on	
	computational object classification in	Lejzerowicz; Identifying active
	images from the deep seafloor of the	foraminiferans in the Sea of Japan using
13.30 - 13.50	HAUSGARTEN observatory	DNA and RNA-based metagenetics
	Knudby; Evaluation of geospatial tools	Sinniger; Uncovering abyssal communities
	for delineating concentrations of deep-	using high-throughput sequencing:
13.50 - 14.10	sea sponges	Wwhere are we and what to expect?
	Easton; Deep-sea harpacticoids: are	Colaço; Colonization experiments in the
14.10 - 14.30	cryptic species a problem?	Azores deep sea
	,, ,	<u>'</u>
14.30 - 14.50	Voting for venue of	of next DSBS in 2015
14.50 - 15.10	Student Prizes and	d Closing Ceremony

### **Additional Side Meetings**

Introducing the HADES trench programme

Where: Rangimarie 1 Room

When: Tuesday 4<sup>th</sup> December, 2012 @ 17:20 Leader of the presentation: Dr. Tim Shank

Discussion on "High-throughput sequencing approaches in the deep Sea"

Where: Rangimarie 1 Room

When: Thursday 6th December, 2012 @ 17.20

**Leaders of the discussion**: Dr Sophie Plouviez, Dr Andrew Thaler **Funding support**: This discussion is supported by INDEEP