

PROGRAMME OF ORAL PRESENTATIONS

Sunday 9th July

17.00 Initial welcome and registration begins at National Oceanography Centre, Southampton

18.00 to 20.00 Welcome food and drinks at NOC

22.00 Registration ends

Monday 10th July

08.00 Registration continues at Southampton Solent University Conference Centre

08.45 Welcome

Setting the scene Chair: Paul Tyler

09.00 Heger A., King N., Wigham B.D., Jamieson A.J., Bagley P.M., Pfannkuche O. & Priede I.G.
Profiles of pelagic bioluminescence in the water column over the Mid-Atlantic Ridge.

09.20 France S. C., Watling, L. E., Auster P.J., Babb I.G., Moore J.A., Mullineaux L.S., Adkins J.F.,
Shank T. & Waller R. Observations of deep-water coral communities on the New England and
Corner Rise Seamount Chains (Western North Atlantic).

09.40 Schlacher T. A., Schlacher-Hoenlinger M.A., Williams A. & Althaus F. Megabenthos diversity in
submarine canyons: aspects of sponge richness and distributions in deep-sea canyons off
Tasmania (Australia).

10.00 Erickson K.L. & Van Dover C.L. Inactive sulphide mounds of Manus Basin: the invertebrate
community and the potential for chemoautotrophic food web.

10.20 Thistle D., Sedlacek L., Carman K.R., Fleeger J.W., Brewer P.G. & Barry J.P. Simulated
sequestration of industrial carbon dioxide at a deep-sea site: effects on species of
harpacticoid copepods.

10.40 Coffee and Posters

From morphology to modelling

11.20 Krylova E. & Sahling H. Recent bivalve molluscs of the genus *Calyptogena*: morphology and
distribution.

11.40 Brandao S.N. Cosmopolitan deep-sea Ostracoda (Crustacea)

12.00 Cubelio S.S., Tsuchida S. & Watanabe S. New species records, distribution and phylogenetic
relationships of *Munidopsis* (Anomura: Galatheidae) from deep-sea hydrothermal vents of the
Indian and Pacific Oceans.

12.20 McClain C.R., Boyer A.G. & Rosenberg G. The island rule and the evolution of body size in the
deep sea.

12.40 Lunch

John Gage Tribute Chair: Bhavani Narayanaswamy

14.00 Paul Tyler: some reflections on John Gage.

14.10 Jeffreys R., Wolff G., Levin L.A., Whitcraft C., Gooday A.J. & Lamont P. Temporal and spatial
changes in trophic patterns of benthos across the Pakistan Margin: a response to oxygen?

14.30 Shields M.A. & Hughes D.J. Gradients in macrofauna community structure along a latitudinal
transect within the Northern Seas region.

14.50 Lamshead P.J.D., Lunt D.H., Floyd R.M., Elce B., Smith C.R. & Rogers A.D. Unexpected novel
lineages in abyssal metazoan.

- 15.10 Oliver P.G. & Holmes A.M. Bivalvia of the oxygen minimum zone of the Oman margin.
- 15.30 Tea and Posters
- 16.10 Sumida P.Y.G., Bernadino A.F. & Smith C.R. Dynamics of epibenthic megafauna on the deep West Antarctic Peninsula shelf viewed from time-lapse photography.
- 16.30 Campos L. S., Alcântara P.F., Lavrado H.P., Carvalho A.L.P.S. & Vasconcelos R. F. Asteroidea (Echinodermata) from the Campos Basin Continental Margin, SE Brazil.
- 16.50 Aranda de Silva A., Larkin K.E., Pawlowski J., Bowser S.S. & Gooday A.J. Gromiids: an important group of large protists on bathyal continental margins in the Arabian and Weddell Seas.
- 17.10 Corliss B.H., Sun X., Brown C.W. & Showers W.J. The influence of primary productivity and seasonality of productivity on the North Atlantic benthos: benthic foraminiferal faunal and carbon isotope results.
- 17.30 Rowe G.T., Deming J., Montagna J., Baguley J., Bernhard J., Escobar E., Haedrich R., Wei C., Nunnally C., Soliman Y., Wicksten M. & Ammons A. Carbon cycling by deep, northern Gulf of Mexico food webs.

Evening at leisure in Southampton!

Tuesday 11th July: Parallel Session #1

Bacterial ecology Chair: Martin Sheader

- 09.00 Patching J.W., McCarthy D.M., Egan S.J. & Fleming G.T. Prokaryotic community structure in the benthic boundary layer.
- 09.20 Oliveira Fernandes S., Krishnan K.P., Loka Bharathi P.A., Mirza I., Ray D., Kaisary S., Rao B.R. & Kamesh Raju K.A. Bacteria orchestrate methane and metal concentrations in seawater: examples from the Central Indian Ridge.
- 09.40 Polymenakou P.N. & Tselepides A. The magnitude of prokaryotic diversity in deep-sea sediments.
- 10.00 Kanzog C. & Quéric N.V. Impact of organic enrichment on the hydrolytic potential, growth, and diversity of benthic bacterial communities in the deep Arctic Ocean: laboratory and *in situ* experiments.

10.20 Coffee

Conservation

- 11.00 Mincks S., Smith C.R. & Morgan C.L. Using biological parameters in a geological model of the Pacific manganese nodule province: applications for biodiversity preservation.
- 11.20 Radziejewska T., Thistle D., Galtsova V.V., Kulangieva L., Drzycimski I., Trueblood D.D. & Ozturgut E. Benthic impact experiments in the Clarion-Clipperton Fracture Zone (equatorial NE Pacific): a comparison of meiofaunal responses to seafloor disturbance in two nodule-bearing areas.
- 11.40 Blake J.A., Maciolek N.J. & Williams I.P. Long-term benthic infaunal monitoring at the San Francisco Deep-Ocean Dredged Material Disposal Site (SF-DODS).
- 12.00 Cavanagh R.D., Kyne P.M., Fowler S.L., Pogonoski J.J. & Valenti S.V. Conservation status of deep-sea chondrichthyans.
- 12.20 Gianni M. Momentum toward protection of deep-sea biodiversity: fisheries and oceans negotiations in the UN General Assembly in 2006 and beyond.

12.40 Lunch

Management of the Deep Ocean (invited session) Chair: Kerry Howell

- 14.00 Rogers A.D. Management of the deep-oceans: moving from reactive to proactive.
- 14.20 Gjerde K. Progress and priorities for high seas MPAs.
- 14.40 von Nordheim H. The OSPAR network of MPAs in the North-East-Atlantic.
- 15.00 Johnston C. Information and data needs to implement conservation of deep sea biodiversity.
- 15.20 George R.Y. Conservation and governance of seamounts and deep-sea coral ecosystems: Primer from Miami 2005.
- 15.40 Thiel H. Protection of scientific investments: science priority areas.
- 16.00 Tea
- 16.30 Structured discussion on high seas MPAs – Chairman & Discussion Moderator: Craig Smith
- 18.00 End
- 19.00 National Oceanography Centre, Southampton Reception and Media Event

Tuesday 11th July: Parallel Session #2

Seamounts Chair: Brian Bett

- 09.00 Brewin P.E., Stocks K.I. & Haidvodel D.B. Does oceanographic retention around seamounts explain seamount species diversity? A meta-analysis of global physical and biological data.
- 09.20 Clark M.R. Deep seamount fisheries: seeking the elusive goal of sustainability.
- 09.40 Christiansen B., Martin B. & Hirsch S. Composition, population structure and trophic relationships of benthopelagic fishes at Seine Seamount, NE Atlantic.
- 10.00 Howell K.L., Davies J.S., Hall-Spenser J., Hughes D., Jacobs C., Narayanaswamy B.E. & Roberts J.M. Mapping deep water habitats on Rockall Bank in view of human use and management of the area.
- 10.20 Dower J., Tunnicliffe V., Juniper K., Stevens C. & Tyler J. Observations of flatfish 'spas' from hydrothermally active seamounts in the Mariana Arc.
- 10.40 Coffee and Posters
- 11.20 Tittensor D., Rogers A.D., Clark M. & Myers R. Predicting global habitat suitability for scleractinian corals on seamounts.
- 11.40 Cho W. & Shank T. Genetic connectivity of invertebrate populations on North Atlantic Seamounts .
- 12.00 Rowden A.A. & Clark M.R. Pattern of macroinvertebrate biodiversity on seamounts in the New Zealand region: not quite what you might expect.
- 12.20 Narayanaswamy B.E., Hughes D.J., Howell K.L., Davies J.S., Roberts J.M. & Jacobs C.L. Exploration of seamounts and banks in the NE Atlantic.

12.40 Lunch

Physiology Chair: Chris Hauton

- 14.00 Frank T. Do ontogenetic migrators adapt to different light environments during their life histories?
- 14.20 Jamieson A.J., Godø O.R., Bagley P.M., Partridge J.C. & Priede I.G. Mechanical stimulation of bioluminescence by trawl gear.
- 14.40 Cohen J.H. & Frank T.M. Eye structure and visual physiology of the copepod *Gaussia princeps*.
- 15.00 Bush S.L. & Robison B.H. Examination of ink release by mesopelagic squids.
- 15.20 Drazen J.C. & Seibel B.A. Depth-related trends in metabolism of benthic and benthopelagic deep-sea fish.
- 15.40 Tea and Posters
- 16.20 Pane E.F. & Barry J.P. Acid-base balance in the deep-sea decapod crab *Chionoecetes tanneri*: the mediating role of oxygen availability.
- 16.40 Nomaki H., Ohkouchi, N., Chikaraishi Y., Suga H., Matsumoto K., Heinz P. & Kitazato H. Degradation and synthesis of ¹³C labelled organic matter by benthic foraminifera and bacteria in bathyal Sagami Bay, Japan.
- 17.00 Veit-Köhler G. & Seifried S. Sex ratio in the deep sea – a paradise for male copepods?
- 17.20 Miwa T., Koyama S., Konishi S., Hatashi J., Horikoshi, K & Aizawa M. Developments of tissue culture from deep-sea organisms and the life support system 'DEEPAQUARIUM'.
- 17.40 End
- 19.00 National Oceanography Centre, Southampton Reception and Media Event

Wednesday 12th July Parallel session #1

Biodiversity Chair: Tammy Horton

- 09.00 Wilson G.D.F. Biodiversity of the Arafura Sea: a transitional deep-sea fauna on a tropical outer shelf.
- 09.20 Paterson G.J.L., Glover A., Smith C.R., Dyal P., Menot L. & Galéron J. Patterns of polychaete biodiversity in the abyssal Pacific – comparison of morphology and molecular results.
- 09.40 Schüller M., Hilbig B. & Wägele J.-W. The polychaetes of the Antarctic deep sea: ANDEEP I/II 2002 to the Scotia and Weddell Seas.
- 10.00 De Mesel I., Vanhove S., Vermeeren H., Ingels J. & Fonseca G. Biodiversity of Nematoda in the Southern Ocean.
- 10.20 Coffee and Posters
- 11.00 Cunha M.R. & Sorbe J.C. Crustacean assemblages from bathyal environments in the Gulf of Cadiz.
- 11.20 Lampadariou N. & Tselepides A. Bathymetric patterns of free-living nematodes in the Aegean Sea, eastern Mediterranean.
- 11.40 Larusdottir, O., Watling L. & Svarvasson J. Distribution and diversity of cumaceans (Crustacea, Cumacea) in the N. Atlantic – effects of the GIF Ridge.
- 12.00 Miljutina M., Miljutin D., Mahatma R. & Martinez Arbizu P. Structure of nematode communities from a deep-sea polymetallic nodule site.
- 12.20 Hoste E., Soltwedel S., Vanhove S. & Vanreusel A. The temporal and spatial variability in the meiobenthos at the Arctic marginal ice zone.
- 12.40 Packed lunch- provided
- 13.30 Leave for Portsmouth Naval Dockyard
- 17.30 Reception on HMS *Warrior*
- 19.00 Dinner on HMS *Warrior*
- 22.30 Depart for Southampton

Wednesday 12th July Parallel session #2

Trophic ecology Chair: Andy Gooday

- 09.00 Schewe I., Soltwedel, T. & Klages M. Deep-sea benthic community responses to pulsed food supply in the Arctic Ocean.
- 09.20 Larkin K.E., Gooday A.J., Pond D.W. & Bett B.J. Fatty acid analysis reveals the importance of Foraminifera in benthic organic matter recycling.
- 09.40 Guðmundsson G., Osborn K.J. & Svarvasson J. Feeding of large asellote isopods (Crustacea, Isopoda) in the deep sea – are they active predators?
- 10.00 Pile A.J., Hudson I.R., Fletcher C. & Robertson K. Effects of physical disturbance associated with deep-sea drilling on scavenger activity in temperate and tropical Australia.
- 10.20 Bailey D.M., Ruhl H.A., Drazen J.C., Morrell L.J., Ruxton G.D. & Smith K.L. Jr. Change in the abyssal fish fauna of the Pacific Ocean driven by variation in food availability.
- 10.40 Coffee and Posters

Autecology

- 11.20 Guijarro B. & Massuti E. Influence of environmental factors in the population dynamics of the deep-water shrimp *Parapanaeus longirostris* (Crustacea, Decapoda) in the Balearic Islands (western Mediterranean).
- 11.40 Chan B.K.K. & Lee K.S. Population dynamics of the deep-sea barnacle *Rostraverruca koehlerii* (Cirripedia, Verrucamorpha) epibionts on the spines of the sea urchin *Stylocidaris* in Taiwan.
- 12.00 Schnabel K., Probert K. & Bruce N. Deep-sea downunder, species richness, habitat and distributional patterns of New Zealand squat lobsters (Chirostylidae, Anomura, Crustacea).
- 12.20 Vardaro M.F. & Smith K.L. Jr. Deep-sea bioturbation and the role of the sea urchin *Echinochrepis rostrata*.
- 12.40 Packed lunch- provided
- 13.30 Leave for Portsmouth Naval Dockyard
- 17.30 Reception on HMS *Warrior*
- 19.00 Dinner on HMS *Warrior*
- 22.30 Depart for Southampton

Thursday 13th July Parallel session #1

Chemo-environments Chair: Eva Ramirez-Llodra

- 09.00 Shank T.M., Beaulieu S.E., Luther G.W. III, Moore T., Seyfried W.E. Jr., Ding K., Ward N., Vetrina C., Sievert S.M. & Lutz R.A. Integrated *in situ* approaches to determine the role of fluid chemistry and microbial biofilms on the colonisation and distribution of hydrothermal vent fauna.
- 09.20 Watanabe H., Kado R., Tsuchida S., Shitashima K., Furushima Y., Urakawa H. & Kojima S. Distribution of larvae of vent animals around the vent fields on Myojin Knoll, in the Izu-Ogasawara Arc.
- 09.40 Johnson S.B., Warén A., Lutz R.A. & Vrijenhoek R.C. Population structure and dispersal in deep-sea limpets from the eastern Pacific.
- 10.00 Van Gaest A.L. & Young C.M. Long-distance larval dispersal of the cold-seep gastropod *Bathynnerita naticoidea*.
- 10.20 Coffee and Posters
- 11.00 Martins I, Colaço A., Desbruyères, D., Sarradin P.-M. & Santos R.S. Estimation of microbial and *Bathymodiolus* sp. production at vent sites of the Mid-Atlantic Ridge using a C-flux model.
- 11.20 Hardvillier Y., Leignel V., Denus F., Chenais B., Laulier M. & Cosson R. Metallothioneins in the hydrothermal vent mussels *Bathymodiolus azoricus* and *B. thermophilus*.
- 11.40 Kadar E. & Costa V. Is essential metal requirement of the vent mussel *Bathymodiolus azoricus* enhanced as compared to non-hydrothermal vent mussels?
- 12.00 Bettencourt R., Santos R. & Roch P. First innate immune parameters unveiled in the deep sea mussel *Bathymodiolus azoricus*.
- 12.20 Van Dover C.L., Ward M.E., Scott J.L., Underdown J., Gustafson C., Anderson B., Whalen M. & Carnegie R. An emergent fungal epizootic in hydrothermal vent mussels.
- 12.40 **Business Meeting** followed by lunch
- Chair: Maria Baker**
- 14.00 Braby C.E., Williams S.J., Jones W.J. & Vrijenhoek R.C. Bathymetric and temporal changes in whalefall communities in Monterey Bay.
- 14.20 Van Gaever S. Vanreusel A., Moodley L., de Beer D. & Galeron J. Meiofauna at deep-sea cold seeps: diversity, adaptation and trophic position.
- 14.40 Rodrigues C.F., Webster G., Weightman A.J. & Cunha M.R. Trophic relationships of chemosynthetic species and the role of prokaryotic endosymbionts in the nutrition of Solemtidae and Lucinidae bivalves from mud volcanoes in the Gulf of Cadiz.
- 15.00 Borowski C., Wenzhöfer F., Felden J., Zielinski F., Dubilier N. & Boetius A. Evaluation of spatial variability of physico-chemical gradients at hydrothermal vents and cold seeps and their effects on community structures.
- 15.20 Tea and Posters
- 16.00 Miyake H., Kitada M., Tsuchida S., Suzuki, Y. & Takai K. Long-term rearing of deep-sea animals in chemosynthetic ecosystem using artificial hydrothermal vent system.
- 16.20 Martinez Arbizu P., Ivanenko V.N. & Gad G. Hydrothermal vent fauna in the Mid-Atlantic Ridge: is the Romanche Fracture Zone a biogeographic barrier? Lessons from meiofauna.

- 16.40 Dando P.R., Pendlebury, S. & Nortley H.K. Behaviour and nutrition of the MAR vent limpet *Lepetodrilus atlanticus*.
- 17.00 Anderson L.M., Lechaire J.P., Frébourg G., Boudier T., Halary S., Zbinden M., Laval J.-Y., Marco S. & Gaill F. Energy filtering transmission electron tomography (EFTET) of bacteria-mineral associations within the deep-sea hydrothermal vent shrimp *Rimicaris exoculata*.
- 17.20 Smith C.R., Altamira I. & Nation J.B. Whale-fall communities, whaling and species extinctions at the deep-sea floor.
- 18.00 Civic Reception by Southampton City Council at Civic Centre Art Gallery: Presentation of BP Kongsberg underwater image competition awards
- 20.00 Evening free

Thursday 13th July Parallel session #2

Biodiversity Chair: Sven Thatje

- 09.00 Galkin S.V. Bottom fauna in the region of RRS *Titanic* wreck: trawl data and submersible observations.
- 09.20 Brind'Amour A., Menot L., Galéron J. & Sibuet M. Multiscale spatial distribution of a sedimentary macrobenthic community on the Angolan margin.
- 09.40 Hasemann C. & Soltwedel T. Small-scale heterogeneity in the Arctic deep sea: impact of small cold-water sponges on the diversity of benthic nematode communities.
- 10.00 George K.H. Argostidae (Copepoda, Harpacticoida) of the deep Angola Basin (SE Atlantic). Distribution patterns, community structure and species diversity.
- 10.20 Raupach M.J. & Wägele J.W. Genetic diversity within benthic deep-sea Asellota (Crustacea, Isopoda) of the Southern Ocean: opening Pandora's box?
- 10.40 Coffee and Posters
- 11.20 Kröger K. & Rowden A.A. Deepwater polychaete assemblages in the North-western Ross Sea: are they affected by iceberg disturbance?
- 11.40 Brix S., Kaiser S. & Brandt A. To worm a secret out of the deep sea: the phylogeny of Desmosomatidae Sars, 1897 (Isopoda, Crustacea).
- 12.00 Osborn K.J. A phylogenetic hypothesis for the Munnopsidae (Isopoda, Asellota) based on three genes and introduction of new pelagic members.
- 12.20 Kavanagh F.A. Heterochrony in the deep sea: species of Ischnomesidae show progenesis.
- 12.40 **Business Meeting** followed by lunch

Fish biology Chair: Ian Hudson

- 14.00 Priede I.G. Absence of sharks from the abyss: factors determining depth limits of fish.
- 14.20 Menezes G., Rosa A., Melo P. & Pinho M. Demersal fish assemblages off the Seine and Sedlo seamounts from longline surveys (NE Atlantic).
- 14.40 Bergstad O.A., Menezes G. & Hoines Aa. Distribution patterns and structuring factors of deepwater demersal fishes on a mid-ocean ridge.
- 15.00 Sulak K.J., Luke K.E., Norem A.D. & Randell M. Sequential frame analysis of fishes associated with *Lophelia* reefs in the Gulf of Mexico.
- 15.20 Felley J.D., Vecchinone M. & Wilson R. Habitat preferences for deep-sea demersal nekton in the Charlie-Gibbs Fracture Zone of the Mid-Atlantic Ridge.
- 15.40 Tea and Posters
- 16.00 Kemp K.M., Fraser K.P.P., Collins M.A. & Priede I.G. Temporal variation in the nutritional condition of deep-sea macrurids in the NE Atlantic: a seasonal study between 1300 and 4300m.
- 16.20 Wigham B.D., Priede I.G. & Bett B.J. Diversity, distribution and abundance of demersal scavenging fish on the Angola Margin.
- 16.40 King N.J., Wigham B.D., Jamieson A., Bagley P. & Priede I.G. Demersal ichthyofaunal composition in two contrasting productivity regions of the Crozet Plateau.
- 17.00 Bergmann M., Dannheim J. & Klages M. Trophic relationships between demersal fish and benthic fauna at 'Hausgarten' (79°N west of Svalbard).

17.20 Sanchez F., Serrano A., Cartes J., Preciado I., Parra S., Frutos, I., Sorbe J.C., Velasco F. & Olaso I. Structure and dynamics of Le Danois Bank ecosystem.

18.00 Civic Reception by Southampton City Council at Civic Centre Art Gallery: Presentation of BP Kongsberg underwater image competition awards

20.00 Evening free

Friday 14th July Parallel session #1

Corals Chair: Adrian Glover

- 09.00 Watling L., Simpson A & Mosher C. Gorgonian octocorals and their invertebrate commensals of the New England and Corner Rise seamounts
- 09.20 Brooke S.D., Messing C.G., Reed J.K. & Gilmore G. Exploration of deep-sea coral ecosystems along the east coast of Florida.
- 09.40 Molodtsova T. Black corals of the NE Atlantic: an overview.
- 10.00 Baco A.R. Population genetic structure of the deep-sea precious coral *Corallium secundum* from the Hawaiian Archipelago based on microsatellites.
- 10.20 Le Guilloux E., Olu-Le Roy K., Lorange P., Lecornu F., Galéron J., Fifis A., Sibuet M., Vacelet M., Zibrowius H., Grehan A. & Henriot J.P. Structure of megafaunal community associated with deep-sea corals on carbonate mounds and distribution at the regional scale.
- 10.40 Coffee

Megafauna

- 11.20 Ruhl H.A. & Smith K.L. Jr. Abyssal megafaunal community responses to interannual climate fluctuation in the NE Pacific.
- 11.40 Gebruk A. V. & Budaeva N. Patterns of benthic fauna distribution along the Mid-Atlantic Ridge in the North Atlantic.
- 12.00 Galéron J., Scolan P., Fifis A. & Sibuet M. Spatial variability of megafaunal assemblages in the deep-sea polymetallic nodule fields of the Northeast Pacific.
- 12.20 Lavrado H.P., Campos L.S., Curbelo-Fernandez M.P. & Falcão A.P. Benthic megafauna distribution at the southeastern Brazilian continental margin: Campos Basin.
- 12.40 Lunch

Chair: David Billett

- 14.00 Ramirez-Llodra E., Ballesteros M., Sardà F. & Company J.-B. Biodiversity and spatio-temporal variations in the biomass and abundance of non-decapod invertebrates in the bathyal continental margin of the North-western Mediterranean Sea.
- 14.20 Young C.M., Pile A., Maldonado M., Wood A.M., Holmes M. & Reiswig H. Biotic and abiotic control of the vertical distribution in an abundant glass sponge field on the flank of Mauna Loa Volcano, Hawai'i.
- 14.40 Serrano A., Sanchez F., Cartes J., Frutos I., Sorbe J.C., Parra S., Preciado I., Velasco F. & Olaso I. Habitat complexity, prey availability and other environmental factors determining spatial distribution of epibenthic communities in the Le Danois Bank (Cantabrian Sea, N Spain).
- 15.00 Beaulieu S. E., Smith K.L. Jr., Ruhl, H. & Baldwin R. Megafauna at the abyssal seafloor underlying the North Pacific subtropical gyre: composition and abundance from photographic and video surveys.
- 15.20 Tea and Posters

Food for thought on the way home Chair: David Billett

- 15.40 Rees M., Brunskill G.J., Burns K.A. & Hayward A.J. Observations of seeps and interregional benthic macrofauna on the Northern Australian continental slope.

- 16.20 Voight J.R. Biotic interactions define the temporal stability of deep-sea wood falls in the N. Pacific.
- 16.40 Glover A.G., Goetze E., Dahlgren T.G. & Smith C.R. The 'snowboarding' scaleworm: morphology, reproductive biology and genetic structure of a stepping stone species.
- 17.00 Barry J.P., Buck J.R., Paul C.K., Xu J.P., Whaling P.J., Ussler W. III, Lovera C. & Kuhnz L. The influence of turbidity flows on carbon transport and benthic biological patterns in the Monterey Canyon.
- 17.20 Closure

Friday 14th July Parallel session #2

Pelagos Chair: Monty Priede

- 09.00 Haddock S.H.D. & Thuesen E.V. Deep-sea planktonic biomass and biodiversity using complementary methodologies.
- 09.20 Robison B.H., Sherlock R.E., Reisenbichler K.R. & Osborn K.J. The bathypelagic community of the Monterey Canyon.
- 09.40 Sutton T., Porteiro F., Uiblein F., Byrkjedal I., Dolgov A., Heino M., Horne J., King N., Falkenhaus T., Godo O. & Bergstad O. Bathypelagic fish associated with the Mid-Atlantic Ridge.
- 10.00 Kenaley C.P. Breaking from the moveable feast: the evolution of prey choice and foraging strategies in the loosejaw dragonfishes (Stomiiformes: Stomiidae, Malacosteinae).
- 10.20 Coffee
- 11.00 Pagès F., Martín J., Palanques A., Puig P. & Gili J.-M. High occurrence of the elasipod holothurian *Penilipedia ludwigi* (von Marenzeller 1893) in bathyal sediment traps moored in a western Mediterranean submarine canyon.
- 11.20 Falkenhaus T., Hansen H.Ø., Willassen E. & Christiansen M. Pelagic shrimps (Decapoda, Caridea) on the Mid-Atlantic Ridge.
- 11.40 Pedchenko A.P. & Dolgov A.V. Habitat conditions of mesopelagic fish in the Irminger Sea.
- 12.00 Lunch

Pole to Pole Chair: Alan Hughes

- 13.40 Thatje S. The deep-sea connection: past climate change and the colonisation of Antarctica.
- 14.00 Pawlowski J., Cornelius N., Lecroq B., Longet D., Fahrni J., Cedhagen T. & Gooday A.J. Bipolar gene flow in deep-sea Foraminifera.
- 14.20 Held C. Recurrent polar submergence of serolid isopods in High Antarctic waters.
- 14.40 Brandt A., Brix S., Brökeland W., Choudhury M. & Kaiser S. Biodiversity and zoogeography of Southern Ocean deep-sea Isopoda (Crustacea, Malacostraca) – does this taxon support the source-sink hypothesis?
- 15.00 Janussen D, Tendal O.S., Plotkin A.S. & Rapp H.T. What is characteristic for the deep-sea sponge fauna in the Weddell Sea?
- 15.20 Tea and Posters