



EUROCORES Programme
European Collaborative Research

EuroDEEP

Ecosystem Functioning and Biodiversity in the Deep Sea

FINAL EURODEEP CONFERENCE

Sunday 6 June 2010

Grand Hotel Reykjavik, Sigtún 38, 105 Reykjavík, Iceland

FINAL PROGRAMME

last update: 3 June 2010

On line at <http://www.esf.org/eurodeep>

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| 08.30 | Registration |
| 08.45 | Conference Opening
Paola Campus (EUROCORES Programme Coordinator, ESF) |
| 09.00 | Eva Ramirez-Llodra (CSIC, Barcelona, Spain)
<i>First results of BIOFUN: biodiversity and ecosystem functioning in contrasting southern European environments, from viruses to megafauna</i> |
| 09.25 | Sylvie Gaudron (Université Pierre et Marie Curie, Paris, France)
<i>CHEMECO project: a synthesis</i> |
| 09.50 | Michail Yakimov (CNR, Institute of Coastal Marine Environment, Messina, Italy)
<i>Last MIDDLE achievements: metabolomic & metagenomic view on microbial life in largest athalassohaline deep anoxic lake on our planet</i> |
| 10.15 | Nils Christian Stenseth (University of Oslo, Centre for Ecological and Evolutionary Synthesis, Oslo, Norway)
<i>TBC</i> |

- 10.40 Coffee break
- 11.15 **Samuele Tecchio** (CSIC, Barcelona, Spain)
Depth and west-to-east: two axes bringing insights on deep Mediterranean megabenthos
- 11.25 **Fabio Matos** (Aveiro University, Portugal)
Colonization of artificial substrates in mud volcanoes from the Gulf of Cadiz – macrofauna assemblages
- 11.35 **Claudia Casalino** (Utrecht University, The Netherlands)
Geochemical overview of deep eastern Mediterranean hypersaline anoxic brine lakes
- 11.45 **Halvor Knutsen** (Institute of Marine Research, His, Norway) and **Sergio Stefanni** (Azores University, Portugal)
Unravelling population connectivity for sustainable fisheries in the Deep Sea (2007-2010)
- 12.05 **Per Erik Jorde** (Institute of Marine Research, His, Norway)
Population structuring and connectivity in deep-sea fishes: towards a synthesis of biological and physical processes
- 12.15 **Stefano Aliani** (CNR, Italy)
Deep-sea microbial community and macrofaunal diversity and ecosystem functioning in Mediterranean sea and adjacent Atlantic ocean
- 12.25 Sandwich Lunch
- 13.30 **Ana Colaço** (Azores University, Portugal)
Trophic structure of colonization modules at chemosynthetic environments: a comparative approach
- 13.50 **Bruno Franzetti** (IBS Grenoble, France)
Microbial molecular adaptation to deep sea conditions with a focus on salt lakes
- 14.10 **Craig Longmore** (Dublin University, Ireland)
Diary of an otolith: Population structure, habitat use and life-history of two deep-sea teleosts in the North Atlantic
- 14.25 **Nikos Lampadariou** (Hellenic Centre for Marine Research, Heraklion, Greece)
Deep-sea ecosystems of the eastern Mediterranean Sea
- 14.45 **Saber Khelaifa** (IRD Marseille, France)
Isolation and characterization of sulfate-reducing bacteria originating from wood falls
- 14.55 **Violetta La Cono** (CNR, Institute of Coastal Marine Environment, Messina, Italy)
Discovery of Thetis: new addition to the list of the Medsea hypersaline anoxic basins
- 15.05 **Ilaria Coscia** (Dublin University, Ireland)
Genetic footprints of population connectivity in the deep North Atlantic: a two-species tale

- 15.20 **Aileen Gill** (National University of Ireland Galway, Ireland)
Distribution and Diversity of Bacteria in Deep Mediterranean Waters
- 15.30 **Ellen Pape** (Gent University, Belgium)
Meiofaunal biodiversity and ecosystem functioning at the Galicia Bank (NE-Atlantic)
- 15.40 **Amandine Nunes Jorge** (Université Pierre et Marie Curie, Paris, France)
Development of in situ hybridization for the detection and identification of invertebrate larvae from deep-sea chemosynthetic ecosystems
- 15.50 **Diana Catarino** (Azores University, Portugal)
Fishing deep: longline surveys in mid-Atlantic seamounts
- 16.00 **Elisa Baldrighi** (CNR, Italy)
Relationship between deep macrobenthic communities, food availability and microbial component along a bathymetric gradient (Western Mediterranean sea)
- 16.10 Coffee break
- 16.40 **Massimiliano Molari** (CNR, Italy)
Distribution and activity of Bacteria and Archea in deep-sea sediments crossing the entire Mediterranean basin and adjacent ocean
- 16.50 **Rachel Jeffreys** (NIOZ, The Netherlands)
Megafauna and ecosystem function at Galicia Bank
- 17.10 **Clara Rodrigues** (Université Pierre et Marie Curie, Paris, France)
Looking at some chemosynthetic species from CHEMECOLI
- 17.20 **Leon Moodley** (NIOO, The Netherlands)
Experimental constraints on Deep-Sea Floor Ecological Functioning
- 17.30 **Lara Pozzato** (NIOO, The Netherlands)
Deep-Sea Floor Ecological Functioning continued...
- 17.40 **David McCarthy** (National University of Ireland, Galway, UK)
Bacterial Community Structure of the Deep Mediterranean Sea
- 17.50 **Matthias Schneider** (SNG, Germany)
Assessing, documenting and understanding abyssal biodiversity
- 18.10-19.00 Round table – Final discussion on results of the Conference: needs for the future and the way ahead for EuroDEEP.
- 20.00 Dinner at Grand Hotel Reykjavik