

# Second Belgian Coral Meeting

Tuesday, February 1<sup>st</sup>, 2011  
9:30 - 16:00

University of Mons (Bergen)  
Bâtiment "Grands Auditoires"  
Salle des conseils et Forum  
Campus Plaine de Nimy  
8, av. du Champ de Mars  
7000 Mons  
Belgium



Instructions to arrive at UMONS and map of the campus:

<http://portail.umons.ac.be/en2/universite/admin/cerp/plancampus/pages/campusplainedenimy.aspx>

## Programme

Please, send your PowerPoint or PDF presentation for 31/1/2011 at [phgrosjean@sciviews.org](mailto:phgrosjean@sciviews.org).

- 9:30 Welcome and introduction (Ph. Grosjean)
- 9:45 Presentation of the participants (5 min for each, two or three slides maximum are welcome)
- 10:40 Coffee break
- 11:00 Presentation of the participants II & poster session
- 12:00 Lunch
- 13:00 Invited speaker: van Oevelen D. Cold-water corals: from the colony to the reef scale.
- 13:40 Kochzius M. Genetic population structure of coral reef fauna in the Coral Triangle: implications for connectivity and conservation.
- 14:00 Moulin L., Grosjean Ph. & Ph. Dubois. Impact of acidification on bioerosion of hermatypic corals by sea urchins: study in mesocosms.
- 14:20 Roberty S., Poulicek M. & F. Franck. Alternative photosynthetic electron pathways in different clades of Symbiodinium : the Mehler reaction at the onset of photosynthesis.
- 14:40 Leblud J., Batigny A. & Ph. Grosjean. Study of hematypic scleractinian *Seriatopora hystrix* in high pCO<sub>2</sub> chemostats.
- 15:00 Ladrière O. Microbial implications in the coral bleaching phenomenon.
- 15:20 Grosjean Ph. Introduction to the coral reef mesocosms installed at UMONS and visit of the mesocosms.
- 15:40 General discussion and conclusions
- 16:00-16:30 End of the meeting

## Posters

- Berten L., Lecchini D., Simpson S.D. & E. Parmentier - Developing an acoustic map of the north coast of Moorea (French Polynesia): Roadmap for settling larvae.
- Caulier G. - Biological communities associated with cold-water coral reefs.
- Fransolet D., Roberty S. & J.-C. Plumier - Increased mitosis in the bleached gastrodermis of the sea anemone *A. Pallida*.
- Jossart Q., De Bruyn C., De Ridder Ch., David B. & T. Rigaud - Genetic and morphological differentiation of the crab *Dissodactylus primitivus*, ectoparasite of two sympatric echinoids.
- Ladrière O. & S. Roberty - Shift to heterotrophy during coral bleaching.
- Ladrière O., Vidal-Dupiol J., Meistertzheim A.-L., Fouré L., Adjeroud M. & G. Mitta - Physiological responses of the scleractinian coral *Pocillopora damicornis* to bacterial stress from *Vibrio corallilyticus*.
- Leblud J., Batigny A. & Ph. Grosjean - A new nano-sized chemostat to study physiology and growth of the hermatypic coral *Seriatopora hystrix* (including, possibly, under high CO<sub>2</sub> conditions).
- Leblud J., Batigny A. & Ph. Grosjean - Study of hematypic scleractinian *Seriatopora hystrix* in high pCO<sub>2</sub> chemostats.
- Olivier D., Frédérick B. & E. Parmentier - Comparison of the adductor mandibulae and jaw lever mechanisms between three damselfishes (Pomacentridae).
- Roberty S., Poulicek M., Plumier J.-C. & F. Franck - Physiological study of Reactive Oxygen Species (ROS) as triggers of the symbiosis rupture between cnidaria and their Symbiodinium.
- Roberty S., Poulicek M. & F. Franck - Alternative photosynthetic electron pathways in different clades of Symbiodinium: the Mehler reaction at the onset of photosynthesis.
- Sheridan Ch. & I. Eeckhaut - The role of *Scarus ghobban* and *Diadema savignyi* as potential vectors of coral pathogens on the reefs of South-West Madagascar.
- Zetsche E., Dubois F., Yourassowsky C., El Mallahi A. & F.J.R. Meysman - Future use of digital holographic microscopy in coral reef science.

## **Participants**

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