

*Communications invitées internationales*  
*International invited presentations*

**2016**

1. **Galand P.** « Rarity, Diversity and Ecosystem Functioning », *Gordon Research Conference Marine Microbes, June 19 -24, 2016, Girona, Spain.*

**2014**

2. **Le Bris N.** « Intimate links between chemosynthetic fauna and their chemical environment: a microhabitat perspective », Lyell Meeting 2014 - Deep sea chemosynthetic ecosystems: where they are found, how they work and what they looked like in the geological past. *March 12, 2014, London, UK.*

*Communications orales internationales*  
*International oral presentations*

**2017**

1. **Jara, B.**, Mario Aranda, M., Nuñez, L., **Méjanelle, L.**, Pantoja, S. (2017). Ocurrencia de antibióticos Oxitetraciclina, Florfenicol, Florfenicol-amina y Flumequina en columna de agua, sedimentos y organismos del Canal Puyuhuapi, Aysén. *XXVII Congreso de Ciencias del Mar, May, 22nd-26th, 2017, Valparaíso, Chile.*
2. **Labrune C.**, Conde, A., Gauthier O., Grall J., Gallon R.K., Romero-Ramirez A., Lavesque N., Bonifacio P., Grémare A. (2017). BenthVal index: A new index based on the concept of the loss of abundance of species. *ICES Benthic Ecology Working Group. May 8-1, 2017 Gdynia, Poland.*
3. Maillot M., **Charles F.**, Gravel D., Nozais C. (2017). Affiche: How do species come together around leaf litter in a Boreal lake? *ASLO 2017 Aquatic Sciences Meeting, Mountains to the sea, February 26-March 3, 2017, Honolulu, Hawaii, USA.*
4. **Meistertzheim A.L.**, **Lartaud F.**, Arnaud-Haond S., **Kalenitchenko D.**, Bessalam M., **Le Bris N.**, **Galand P.E.** (2017). Patterns of bacteria-host associations suggest different ecological strategies between two reef building cold-water coral species. *ASLO, February 26-March 3, 2017, Honolulu, Hawaii, USA.*

**2016**

5. Compte-Port S., Borrego C, de Diego A, Camarero L, **Galand PE**, Gonzalez AG, Auguet JC. (2016). Effects of environmental variables and metal pollution on the bundance and composition of archaeal communities in sediments from Pyrenean lakes. *Gordon Research Conference, Girona, Spain.*
6. Giovannelli D., Foustoukos D., **Le Bris N.**, Sievert S. M., Yücel M., D'alessandro V., Ricci R., Vetriani C. (2016). Physical control of the spatial and temporal diversity of microbial mats at a shallow-water hydrothermal vent. *Goldschmidt conference.*
7. **Le Bris N.**, **Galand P.**, **Kalenitcheko D.**, **Lartaud F.**, **Meistertzheim A. L.**, **Orignac J.**, **Péru E.**, **Pruski A.M.**, **Rivière B.**, **Vétion G.** (2016). The Lacaze-Duthiers canyon: a natural laboratory to study deep-sea ecosystem dynamics and functions in a climate change context. *3rd INCISE International Submarine Canyon Symposium. 25-27 July 2016 Victoria, BC Canada.*
8. **Pereira O.**, Auguet J.C., Debroas D., **Galand P.E.** (2016). Exploring the diversity of uncultured Marine Group II Archaea across the globe. *Gordon Research Conference, Girona, Spain.*
9. **Guizien K.**, **Bramanti L.**, **Briton F.** (2016). Relevant spatial scales when upscaling larval transport into a connectivity matrix to forecast marine population density distribution: the *Eunicella singularis* study case in the Gulf of Lion (NW Mediterranean). *SFEcologie 2016, Marseille, France.*

## 2015

10. Gauthier O., **Labrune C.**, Grall J., Lago A.C., and Grémare A. (2015). BenthVAL Biotic Index: Method and assessment results. *OSPAR/ICG-COBAM, Benthic Habitat Expert Group meeting, October 29-30, Leibniz-Institut für Ostseeforschung, Warnemuende, Germany.*
11. **Kalenitchenko D., Péru E., Le Bris N., Galand P.E.** (2015). Environmental filtering selects rare bacteria during colonisation of refractory organic matter. *SAME14, 23-28 August 2015, Uppsala, Sweden.*
12. Laming S.R., Gaudron S.M., Cunha M.R., **Le Bris N.**, Hilario A., Duperron S. (2015). Settled, symbiotic, then sexually mature: a comparative analysis of development, maturation, and nutritional flexibility across two diminutive deep-sea Bathymodiolinae (Mytilidae). *Deep-Sea Biology Symposium, August 31-September, 2015, Aveiro, Portugal.*
13. **Padron M., Bramanti L.,** Costantini F., **Guizien K.** (2015) Influence of demography and spatial structure of migration on the effective connectivity of sedentary benthic species. *ICES Conference. Copenhagen (Danemark).*
14. **Le Bris N.,** Thubaut J., **Kalenitchenko D., Mandon P., Contreira-Pereira L., Péru E., Samadi S., Galand P.** (2015) Chemosynthetic habitats: fast colonization dynamics of woods by deep-sea symbiotic mussels in relation to sulfide enrichment. *Deep-Sea Biology Symposium, August 31-September, 2015, Aveiro, Portugal.*
15. Mills S.W., **Le Bris N.,** Beaulieu S.E., Sievert S.M., Mullineaux L.S. (2015). Vulnerability of deep-sea hydrothermal vent communities to disturbance: evidence from post-eruption colonization on the East Pacific Rise. *ALSO Ocean science Meeting 2015.*
16. Mullineaux L.S., Mills S.W., **Le Bris N.,** Beaulieu S.E., Sievert S.M. (2015). Resilience to eruptive disturbance in a deep-sea hydrothermal vent metacommunity. *Deep-Sea Biology Symposium, August 31-September, 2015, Aveiro, Portugal.*
17. **Stetten E.,** Huguet A., **Vétion G.,** Wang H., Baudin F., **Pruski A.M.** (2015). Organic matter sources and reactivity in sediments from terminal lobe complex of the Congo deep sea fan. *ASLO 2015 Aquatic Sciences Meeting. Global And Regional Perspectives. North Meets South February 22-27, 2015. Grenada, Spain.*
18. **Padron M., Baksay S., Bramanti L., Guizien K.** (2015) Connectivity of white gorgonian populations in the Gulf of Lions: observed versus modelled genetic structure. *ASLO 2015 Aquatic Sciences Meeting. Global And Regional Perspectives. North Meets South February 22-27, 2015. Grenada, Spain.*
19. Costa A., Doglioli A., Petrenko A., **Guizien K.** (2015) Estimation of connectivity in marine biological networks: Graph Theory versus Metapopulation Models. An application to the Gulf of Lion. *ASLO 2015 Aquatic Sciences Meeting. Global And Regional Perspectives. North Meets South February 22-27, 2015. Grenada, Spain.*

## 2014

20. Baudin F., Aboussou A., **Stetten E.,** Schnyder J., **Pruski A.,** Dennielou B., Olu K., Rabouille C. (2014). Caractérisation par pyrolyse Rock-Eval des sédiments des lobes terminaux du système turbiditique du Congo. *24ème réunion des Sciences de la Terre, RST Pau 2014, October 27-21 2014, France.*
21. **Fanfard S., Charles F., Guarini J.M.** (2014). Predation, a fundamental process in macrofauna community assembling. *49th EUROPEAN MARINE BIOLOGY SYMPOSIUM (EMBS-49), September 8–12, 2014, in Saint-Petersburg, Russia organized by Zoological Institute, Russian Academy of Sciences.*
22. **Galand P.E.,** Salter I., **Kalenitchenko D.** (2014). Evolutionary history is associated to ecosystem productivity in surface marine waters. *ISME-13 Conference, August 24-29, Seoul, South Korea.*

23. Giovannelli D., Foustoukos D., **Le Bris N.**, Sievert S. M., Yücel M., and Vetriani C. (2014). Spatial and temporal diversity of microbial mats in the shallow-water hydrothermal system of Milos Island (Greece). *Dec. 2014, AGU, San Francisco, USA.*
24. Gutiérrez M., **Galand P.E.**, Moffat C., Pantoja S. (2014). Melting glacier impacts the community structure of Bacteria, Fungi and Archaea in Chilean Patagonia fjord system. *EGU General Assembly, 27 April - 2 May, Vienna, Austria.*
25. **Kalenitchenko D.**, Dupraz M., **Le Bris N.**, **Galand P.E.** (2014). Dynamic and contrasted chemosynthetic bacterial mats on sunken wood ecosystems. *ISME-13 Conference, August 24-29, Seoul, South Korea.*
26. **Kalenitchenko D.**, **Le Bris N.**, **Galand P.E.** (2014). De la terre vers les abysses : le bois, un substrat organique support de communautés biologiques marines dynamiques. colloque "Écologies marines et continentales", *Société Française d'Écologie, CNRS, Université Pierre et Marie Curie. 7 et 8 janvier 2014, Paris, France.*
27. **Labrune C.**, Grémare A., Lavesque N., Romero A., Bonifacio P., Grall J., Laurand S., Gauthier O. (2014). Let's test a multivariate approach to be used as a biotic index. *ICES BEWG. Dinard France, 28<sup>th</sup> April -2<sup>nd</sup> May 2014.*
28. Laming S., Gaudron S.M., Cunha M.R., **Le Bris N.**, Hilário A., Duperron S. (2014). Conference Paper: Development, reproductive biology and host-symbiont dynamics during the life cycles of two bathymodiolin mussels. *1st MARES conference on Marine Ecosystem Health and Conservation, Olhão, Portugal; November 2014.*
29. **Le Bris N.**, Mullineaux L. and Sievert S. (2014). Environmental controls on chemoautotrophic primary producers at deep-sea vents. *European Geosciences Union General Assembly May, 2nd, 2014. Vienna, Austria.*
30. Mills S. W., **Le Bris N.**, Beaulieu S.E., Sievert S. and Mullineaux L. S. (2014). Succession Following Eruptive Disturbance in a Deep-sea Hydrothermal Vent Metacommunity: Alternative Stable State or Return to Status Quo? *Ocean Science Meeting, 23-28 February 2014, Honolulu, Hawaii USA.*
31. **Pruski, A.** (2014) : Apports intermittents de matière organique sous influence climatique: effets sur les écosystèmes de pro deltas. *Colloque "Écologies marines et continentales", Société Française d'Écologie, CNRS, Université Pierre et Marie Curie. 7 et 8 janvier 2014, Paris, France.*
32. **Pruski A.**, **Bourgeois S.**, **Yi Sun M.**, Buscaïl R., Kerhervé P., **Vétion G.**, Rabouille C. (2014). Lability and fate of terrigenous organic matter on a Mediterranean river-dominated margin : a biomarker study. *24ème réunion des Sciences de la Terre, RST Pau 2014, October 27-21, 2014.*
33. Romano C., Voight J. R., Roman S., Segura M., **Le Bris N.**, Martin D. (2014) Wood boring bivalves from NW Mediterranean and Cantabrian deep sea canyons on experimentally sunken woods. *The Challenger Society for Marine Science 2014 Conference, Plymouth University, UK; November 2014.*
34. Sardá R., Serrano L., **Labrune C.**, Gil J., March D., **Amouroux J-M.**, Taboada S., **Bonifacio P.**, Grémare A. (2014). Shallow-water polychaete assemblages in the Northwestern Mediterranean Sea and its possible use in the evaluation of good environmental state. *11th international Polychaete Conference Proceedings 71: 289-302.*
35. **Stetten E.**, **Pruski A.M.**, Hugué A., Wang H., **Vétion G.**, **Senyarrich C.**, Rabouille C., Baudin F. (2014). Caractérisation moléculaire et réactivité de la matière organique contenue dans les sédiments des lobes sous-marins du système turbiditique du Congo. *24ème réunion des Sciences de la Terre, RST Pau 2014, October 27-21, 2014, France.*
36. Vidoudez C., Marcon Y., Bach W., **Le Bris N.**, Dubilier N., Girguis P. (2014). Constraining geochemistry and biological primary productivity in hydrothermal systems via in situ mass spectrometric geochemical mapping. *European Geosciences Union General Assembly May, 2nd, 2014. Vienna, Austria.*

37. **Yücel M.**, Sievert S., Giovanelli D., Foustoukos D., DeForce E., Thomas F., Vetriani C. and **Le Bris N.** (2014). Dynamic drivers of a shallow-water hydrothermal vent ecogeochemical system (Milos, Eastern Mediterranean). *European Geosciences Union General Assembly May, 2nd, 2014. Vienna, Austria.*

## 2013

38. **Charles F.**, Nozais C., **Pruski A.**, **Lantoine F.**, **Orignac J.** (2013). Trophic ecology of coastal soft bottoms: a dive into the stew of marine sediment. *ASLO 2013 AQUATIC SCIENCES MEETING, February 17-22, 2013. New Orleans Louisiana, USA.*
39. **Contreira Pereira L.**, Brulport J.P., Omanovic D., **Le Bris N.** (2013). Silver-Based Electrochemical Sensors For Autonomous Monitoring Of Sulfide In Marine Environments. *ASLO Aquatic Science Meeting 2013, February 17-22, 2013. New Orleans, USA.*
40. **Contreira Pereira L.**, **Le Bris N.** (2013). Autonomous electrochemical *in situ* sensors for monitoring marine redox interfaces. *Marine Brazil – Building the marine science – November 3-8, 2013. French-Brasilian meeting Buzios,*
41. **Guizien K.**, **Belharet M.**, **Moritz C.**, **Guarini J.-M.** (2013) Metapopulation modelling based on larval dispersal simulations to study benthic species resilience to extreme climatic and anthropogenic stresses. *ASLO Aquatic Science Meeting 2013, February 17-22, 2013. New Orleans, USA.*
42. **Guizien K.** (2013) Metapopulation modelling based on larval dispersal simulations to study benthic species resilience to extreme stresses. *Workshop Complexity: Past Commitments and Future Challenges (An Arcidosso Brainstorm). Arcidosso, Italy.*
43. **Guizien K.**, **Belharet M.**, **Moritz C.**, **Guarini J.-M.** (2013) A priori identification of conservation units using larval dispersal simulations in the Gulf of Lions (NW Med. Sea). *40<sup>ème</sup> congrès de la CIESM. Marseille, France.*
44. **Lucas S.**, Moulin F., **Guizien K.** (2013). Oscillating grid mesocosm for studying oxygen dynamics during unsteady turbulent conditions. *ASLO Aquatic Science Meeting 2013, February 17-22, 2013. New Orleans, USA.*
45. Coston-Guarini J., **Guarini J.-M.**, **Charles F.** (2013). From Louis Boutan, to barques catalanes, to shipworms. *XIV Universum Network Meeting. June 6–8, 2013, University of Valencia, Spain.*
46. **Fagervold S. K.**, **Bourgeois S.**, **Pruski A.**, **Charles F.** and **Galand P.E.** (2013). Is organic matter composition relevant for shaping the microbial community in highly dynamic sediment systems? *12th Symposium on Bacterial Genetics and Ecology (BAGECO), June 9-13, 2013. Ljubljana, Slovenia.*
47. Hugoni M., Agogué H., Taib N., Domaizon I., Moné A., **Galand P.E.**, Bronner G., Debros D., Mary I. (2013). Temporal changes in archaeal community activity and ammonia Oxidizing Archaea dynamics along an estuarine salinity gradient. *SAME-13, 13th Symposium on Aquatic Microbial Ecology, September 8-13, Stresa, Italy.*
48. **Lartaud F.**, Little C.T.S., de Rafelis M., **Le Bris N.** (2013). Ultramafic hydrothermal systems on the Rainbow abyssal hill: a wide variety of active and fossil chemosynthetic habitats and communities. *5th International Symposium on Chemosynthesis-Based Ecosystems, August 18-23, 2013, Victoria, Canada.*
49. **Lartaud F.**, Little C.T.S., de Rafelis M. and **Le Bris N.** (2013). Ultramafic hydrothermal systems on the Rainbow abyssal hill: a wide variety of active and fossil chemosynthetic habitats and communities. *5th Symposium on Chemosynthesis-based Ecosystems, August 18-23, 2013, Victoria, Canada.*
50. **Le Bris N.**, **Contreira Pereira L.**, **Yücel M.**, Sievert S. M. and Mullineaux L. S. (2013). Abiotic controls on chemoautotrophic primary producer succession at deep-sea hydrothermal vent. *5th Symposium on Chemosynthesis-based Ecosystems, 18-23 August, 2013, Victoria, Canada.*

51. **Le Bris N., Contreira Pereira L., Yücel M., Mullineaux S., Sievert M.** (2013). Abiotic Controls On Chemoautotrophic Primary Producers At Deep-Sea Hydrothermal Vent Inferred From *In Situ* Physico-Chemical Monitoring. *ASLO Aquatic Science Meeting 2013, Februar, 2013. New Orleans, USA.*
52. **Nedoncelle K., Lartaud F., de Rafelis M., Contreira Pereira L., Le Bris N.** (2013). Shell growth rate and habitat variability of the hydrothermal vent species *Bathymodiolus thermophilus*. *5th Symposium on Chemosynthesis-based Ecosystems, August 18-23, 2013, Victoria, Canada.*
53. **Nedoncelle K., Lartaud F., de Rafelis M., Contreira Pereira L., Le Bris N.** (2013). Shell growth rate and habitat variability of the hydrothermal vent species *Bathymodiolus thermophilus*. *5th International Symposium on Chemosynthesis-Based Ecosystems, August 18-23, 2013, Victoria, Canada.*
54. **Nedoncelle K., Lartaud F., Le Bris N.** (2013). A new method for high-resolution bivalve growth rate studies in deep-sea hydrothermal environments. *3rd International Sclerochronology Conference, May 18-22, 2013, Caernarfon.*
55. Salter I., Obernosterer I., **Fagervold S.K., Galand P.E.** (2013). Temporal dynamics of the activity, diversity and function of bacterial communities in the North West Mediterranean Sea. *SAME-13, 13th Symposium on Aquatic Microbial Ecology, September 8-13, 2013, Stresa, Italy.*
56. **Stetten E., Baudin F., Pruski A., Rabouille C., Martinez P. et Charlier K.** (2013). Origine, distribution et répartition de la matière organique dans les lobes sous-marins du système turbiditique du Congo : premier résultats de la mission CONGOLOBE. *Congrès annuel de l'ASF 2013, Paris, France.*
57. F. Renaud , C. Boudouresque , R. David , **C. Labrune**, Community Of Mediterranean Marine Sciences and S. Personnic (2013) An ecosystem-based approach to evaluate the status of mediterranean ecosystems habitats. *CIESM, Marseille, October 28th, Marseille, France.*
58. Thubaut J., **Le Bris N.** and Samadi S. (2013). Bathymodioline mussels of the Mediterranean Sea: connectivity among chemosynthetic habitats. *5th Symposium on Chemosynthesis-based Ecosystems, August 18-23, 2013, Victoria, Canada.*
59. Vidoudez, C., Marcon Y., Bach W., **Le Bris N., Dubilier N., Girguis P. R.** (2013). Mapping Of Hydrothermal Vent Chemosynthesis Using *In Situ* Mass Spectrometry. *ASLO Aquatic Science Meeting 2013, February, 2013. New Orleans, USA.*

## 2012

60. Arevalo P.A., Sylva S., Toney C. R., **Le Bris N., Seewald J.S., Sievert S.M.** (2012). Bacterial and archaeal community structure in hydrothermally influenced sediments of the Guaymas Basin. *The 14th International Symposium on Microbial Ecology, ISME-14 Conference, August 19-24, 2012. Copenhagen, Denmark.*
61. **Fagervold S.K., Kalenitchenko D., Yücel M., Lebris N., Galand P.E.** (2012). Dynamic microbial niches structured by sulfur and oxygen gradients during the marine degradation of wood. *ISME-12 Conference, August 19-24, 2012. Copenhagen, Denmark.*
62. **Galand P.E., Ghiglione J.F., Pommier T., Maas E., Kirchman D., Lovejoy C., Pedrós-Alió C., Murray A.E.** (2012). Biogeography of marine bacterial communities from pole to pole. *ASLO summer meeting, August 8-13, Otsu, Japan.*
63. **Galand P.E., Alonso-Sáez L., Bertilsson S., Lovejoy C., Casamayor E.O.** (2012). Contrasting activity patterns in closely related *Colwellia* ribotypes from the Arctic Ocean. *IPY Science Conference, April 22-27, Montreal, Canada.*
64. Ghiglione J.F., **Galand PE,** Pommier T., Pedros-Alio C., Mass E., Bakker K., Bertilsson S., Kirchman D.L., Lovejoy C., Yager P.L., Murray A.E. (2012). Pole to pole biogeography of surface and deep marine bacterial communities. *ISME-12 Conference, August 19-24, 2012. Copenhagen, Denmark.*

65. Grémare A., Deflandre B., Schmidt S., Maire O., Romero-Ramirez A., Metzger E., Viollier E., Cesbron F., **Labrune C. Amouroux J-M.**, Lavesque N., Bonifacio P., Lecroart P., Duchêne J-C., Richard M., Poirier D., Coste L., and Bichon S. (2012). Assessing the effect of macrobenthos diversity on the mineralisation of sediment organic matter. *Goldschmidt Geochemistry Conference, June 24-29, 2012, Montréal, Canada.*
66. **Lartaud F. and Le Bris N.** (2012). Set up of in situ mark and recapture technique to assess cold water coral growth process. *International Symposium on Deep-Sea Corals (ISDSC 5), April 1-6, 2012, Amsterdam, Netherland.*
67. Negandhi K., Lovejoy C., Whitticar M.J., **Galand P.E.**, Laurion I. (2012). Microbial assemblages linked to the methane cycle in Arctic thaw ponds. *ISME-12 Conference, August 19-24, Copenhagen, Denmark.*
68. Mullineaux L. S., **Le Bris N.**, Mills S. W., Secrist G., Bayer S. R., Siu N., Beaulieu S. E. (2012). initial pioneers matter: non-deterministic succession after catastrophic disturbance at a deep-sea hydrothermal vent. *ASLO Ocean Sciences Meeting, February 20-24 2012, Salt Lake City, USA.*
69. **Nedoncelle K., Lartaud F., Le Bris N.** (2012). A new method for high-resolution bivalve growth rate measurements in diffuse flow hydrothermal environments. *13th Deep-Sea Biology Symposium, 2-7 December 2012, Wellington.* (oral communication).

***Présentations internationales de posters***  
***International presentation of posters***

**2017**

1. **Lartaud F., Péru E., Chapron L., Le Bris N.** (2017). Growth response of cold-water coral reefs to meteorological events: impacts of climate change to deep-sea ecosystems. *ASLO Aquatic Sciences Meeting, February 26.- March 3, 2017, Honolulu, Hawaii.*
2. Grenard-Grand E., Berné S., Agin G., Alonso Y., Bassetti M.A., Bourrin F., Courp T., Dennielou F., Garlan T., Gabelotaud I., Simplet L., **Labrune C.**, Hébert B. (2017). Global and local forcing on sediment distribution in the SW Gulf of Lions (NW Mediterranean). *International Meeting of Sedimentology, June 201, Toulouse, France.*

**2016**

3. Gallon R. K., Lavesque N., Caillo A., Gauthier O. Grall J., **Labrune C.**, Grémare A. (2016). The RESOMAR macrofauna benthic database: a usefull tool to investigate soft-bottom communities. *XV International Symposium on Oceanography of the Bay of Biscay (ISOBAY 15) Bilbao, 22-24 June 2016.*
4. **Bramanti L., Guizien K.** (2016). Spatial distribution of gorgonians in the Gulf of Lions. *SFEcologie International Conference in Ecological Sciences, October 24-28, Marseille, France.*

**2015**

5. Baudin F., **Stetten E.**, Martinez P., Charlier K., Schnyder J., **Pruski A.M.**, Congolobe group (2015). Bulk geochemical characterization of sedimentary organic matter in the terminal lobes of the Congo deep-sea fan. *ASLO 2015 Aquatic Siencess Meeting. Global And Regional Perspectives. North Meets South Februar 22-27, 2015. Grenade, Spain.*
6. **Lartaud F., Peru E., Le Bris N.** (2015). Impact of climatic events on deep-sea ecosystems: the response of cold-water corals to dense water shelf cascades. *14th Deep-Sea Biology Symposium, August 31 - September 4, 2015, Aveiro, Portugal.*
7. **Lartaud F., Nedoncelle K., de Rafelis M., Le Bris N.** (2015). Characterization of chemical energy resources used by chemosynthetic bivalves in present and fossil hydrothermal systems using stable isotope signature of shells. *3rd InteRidge Theoritical Institute, September 28-30, 2015, Hangzhou, China.*

8. **Guizien K., Conchon A.,** Carpentier A., Acou A., Reveillac E., Feunteun E. (2015). Coupling metapopulation modelling and population genetics to guide *Alosa fallax* protection in the Gulf of Lions. *ASLO 2015 Aquatic Sciences Meeting. Global And Regional Perspectives. North Meets South February 22-27, 2015. Grenada, Spain.*
9. **Lartaud F., Peru E., Le Bris N.** (2015). Impact of climatic events on deep-sea ecosystems: the response of cold-water corals to dense water shelf cascades. *Our Common Future Under Climate Change, July 7-10, 2015, Paris, France.*
10. **Lartaud F., Nedoncelle K.,** de Rafélis M., Labourdette N., **Le Bris N.** (2015) Non-equilibrium fractionation of stable carbon isotopes in chemosynthetic mussels. *Deep-Sea Biology Symposium, Aveiro, Portugal, August 31- September 4, 2015.*
11. **Lartaud F., Péru E., Le Bris N.** (2015). Impact of climatic events on deep-sea ecosystems: the response of cold-water corals to dense water shelf cascades. *Deep-Sea Biology Symposium, Aveiro, Portugal, August 31- September 4, 2015.*
12. **Le Bris N., Galand P., Lartaud F., Orignac J., Peru E., Kalenitchenko D., Pruski A., Rivière B., Vétion G.** (2015). Climate sensitive deep-sea ecosystems. The Lacaze-Duthiers canyon: first steps toward the long-term study of ecosystem dynamics and functions. *Our Common Future Under Climate Change, July 7-10, 2015, Paris, France.*
13. **Nedoncelle K., Le Bris N.,** de Rafelis M., Labourdette N., **Lartaud F.** (2015). Non-equilibrium fractionation of stable isotopes in chemosynthetic mussels. *14th Deep-Sea Biology Symposium, Aveiro, Portugal, August 31- September 4, 2015.*

## 2014

14. **Padron M., Bramanti L., Guizien K.** (2014). Demographic effect on allele frequencies in a metapopulation. *ASLO Conference, 23-28 February 2014, Honolulu, Hawaii, USA.*
15. **Bramanti L., Guizien K.,** Edmunds P.J. (2014). Effects of Climate Change on the motility behaviour of *Pocillopora damicornis* larvae: implications for connectivity. *ASLO Conference, 23-28 February 2014, Honolulu, Hawaii, USA.*

## 2013

16. David R., Personnic S., Renaud F. and co-auteurs (2013). An ecosystem based approach to evaluate the status of Mediterranean ecosystem habitats (extended to WDF,MSFD and other marine environmental policy). *40th CIESM Congress, October 28 - November 1, 2013. Marseille, France.*
17. **Lartaud F., Pareige S.,** de Rafelis M., **Le Bris N.** (2013). New insight into growth of cold-water corals: temporal changes in the growth of the reef-building species *Lophelia pertusa* and *Madrepora oculata*. *3rd International Sclerochronology Conference, May 18-22, 2013, Caernarfon, Wales, UK.*
18. **Padron M., Bramanti L., Guizien K.** (2013). Coupling a biophysical and genetic model for the study of connectivity in marine invertebrates forming a metapopulation. *Stochastic Models in Ecology, Evolution and Genetics. Angers, France.*

## 2012

19. **Lartaud F., Le Bris, N.** (2012). Set up of in situ mark and recapture technique to assess cold water coral growth process. *International Symposium on Deep-Sea Corals (ISDSC 5), April 1-6, 2012, Amsterdam, Netherland.*
20. **Orignac J., Derelle E., Kalenitchenko D.,** Mariette J. (2012). Environmental genomic approach to assess richness of marine benthic micro-metazoans. *Ecole Thématique Expert Génomique Environnementale (ETEGE). April 23-27,2012. Aussois. France.*
21. Mouchi V., de Rafelis M., **Lartaud F.,** (2012).  $\delta^{18}\text{O}$  and Mg/Ca ratios in recent and fossil oyster shells : confronting thermodependant proxies. *ISOECOL, August 20-24, 2012, Brest, France.*

*Ateliers nationaux  
National workshops*

*Communication orales (oral communications)*

**2014**

1. **Lartaud F.**, Péru E., Le Bris N. (2014). Impact des évènements climatiques sur les espèces profondes : quelle réponse des coraux froids aux épisodes de cascades d'eaux denses ? *Publ. RST, Pau, France.*

**2013**

2. de Rafelis M., **Lartaud F.**, Mouchi V. (2013). Sclérochronogéochimie haute résolution chez les coquilles d'ostréidés : du signal saisonnier au signal tidal semi-diurne. *Colloque National de Sclérochronologie, 2-4 juillet 2013, Rennes, France.*
3. **Lartaud F.**, (2013). Rôle de la dynamique environnementale sur la mise en place des structures calcifiées ds organismes aquatiques : quelle réponse des invertébrés marins ? *Colloque National de Sclérochronologie, 2-4 juillet 2013, Rennes, France.*
4. Mouchi, V., Crowley, Q.G., Jackson, A.L., McDermott, F., Sevastopoulos, G.D., **Lartaud, F.**, (2013). Calibration temporelle du squelette du corail profond *Lophelia pertusa*. *14<sup>e</sup> congrès de Sédimentologie, Publ. ASF, 5-7 novembre 2013, Paris, France, p. 285.*

*Posters (Posters)*

**2015**

1. Nedoncelle K., Le Bris N., de Rafelis M., Labourdette N., **Lartaud F.** (2015). Non-equilibrium fractionation of stable isotopes in chemosynthetic mussels. *Colloque National sur la biologie et l'écologie des écosystèmes à base de chimiosynthèse, 11-13 Mai 2015, Le Mans, France.*

**2013**

2. Le Callonnec L., **Lartaud F.**, de Rafelis M., Renard M. (2013). Enregistrement isotopique (C, O) des coquilles de bivalves d'eau douce : paramètres environnementaux. *14<sup>e</sup> congrès de Sédimentologie, Publ. ASF, 5-7 novembre 2013, Paris, France .p. 237.*
3. **Lartaud F.**, Pareige S., de Rafelis M. & Le Bris N. (2013). Nouveau regard sur la croissance des coraux froids : changements temporels chez les espèces constructrices de récifs *Lophelia pertusa* et *Madrepora oculata*. *Colloque National de Sclérochronologie, 2-4 juillet 2013, Rennes, France.*

*Séminaires invités  
Invited seminars*

*Communication orales (oral communications)*

**2017**

1. **Le Bris N.** (2017) : Espèces fondatrices, fluctuations environnementales et transfert d'énergie dans les écosystèmes profonds. *Centre Scientifique de Monaco, Monaco, avril 2017.*
2. **Le Bris. N.** (2017) : Ecosystem consequences of changing biogeochemistry. State of knowledge & gaps/needs for sustained observations. *Deep-Ocean Observing Strategy (DOOS). Scripps -9/12/2016 Scripps. Institute of Oceanography, La Jolla, California, USA.*



## 2016

3. **P. Galand** (2016) : Rarity, Diversity and Ecosystem Functioning. *Gordon Research Conference, Girona, Spain. June 2016.*
4. González-Gaya, B., Fernández-Pinos, M. C., Morales, L., **Méjanelle, L.**, Abad, E., Piña, B., Duarte, C. M., Jiménez, B. and J. Dachs, (2016). High atmosphere–ocean exchange of semivolatile aromatic hydrocarbons. *Gordon Research Conference in Organic Geochemistry, July 24<sup>th</sup>-29<sup>th</sup>, 2016, Holderness, New Hampshire, USA.*

## 2015

5. **Lartaud F.** (2015). Use of biogenic carbonates to archive the dynamics of deep-sea ecosystems. *Workshop Congolobe, 4-6 Novembre 2015, Brest, France.*
6. **Guizien K.** (2015). Biodiversity conservation and larval dispersal: the Gulf of Lions test case. *Rosenstiel School of Marine Science, Miami, USA.*
7. **Guizien K.** (2015) Biodiversity conservation and larval dispersal: the Gulf of Lions test case. *U Coquimbo – Chili.*

## 2014

8. **Galand P.** (2014) : Ecology from a microbial observatory perspective. *Uppsala University, Uppsala, Sweden. October 2014.*
9. **Galand P.** (2012). Methanogenic Archaea: the microbes that produce methane. *International Polar Year conference, Montréal, Canada, April 2012.*
10. **Guizien K.** (2014). Biodiversity conservation and larval dispersal: the Gulf of Lions test case. *MOI, France.*
11. **Guizien K.** (2014). Biodiversity conservation and larval dispersal: the Gulf of Lions test case. *Dipartimento di Scienze Biologiche, Geologiche ed Ambientali BIGEA, Ravenna, Italy.*

## 2012

12. **Guizien K.** (2012). Biodiversity protection and dispersion: application to the Gulf of Lions. *University of Concepción, Chile.*
13. **Guizien K.** (2012). Biodiversity protection and dispersion: application to the Gulf of Lions. *UACH Valdivia, Chile.*
14. **Guizien K.** (2012). The influence of periodic flows on the dynamics of benthic particulate matter degradation. *Centro de Investigación en Ecosistemas de la Patagonia, Chile.*
15. **Guizien K.** (2012). Biodiversity protection and dispersion: application to the Gulf of Lions. *Institut de Ciències del Mar de Barcelona, Spain.*
16. **Guizien K.** (2012). Biodiversity protection and dispersion: application to the Gulf of Lions. *California State University, USA.*

***Posters (Posters)***

**Nedoncelle K., Lartaud F., Le Bris N.** (2014) : A new method for high-resolution bivalve growth rate studies in hydrothermal environments. *Deep carbon observatory. Early career scientist workshop, 18-21 February 2014, University of Costa Rica. Costa Rica.*

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**Guizien K.** Associated editor (2014). Special issue on Trophic significance of microbial biofilms in tidal flats. *Journal of Sea Research* 92: 1-178.