

## Conférences données par les membres de Québec-Océan

2008

---

- Alou-Font E., S. Roy, M. Gosselin, S. Agusti (2008) Assessing cell viability in Arctic ice algae communities. Arctic Change Conference, Québec (QC, Canada), décembre. **Affiche**
- Archambault P. (2008) Comprendre pour mieux prédire l'influence de la mytiliculture sur l'environnement littoral : cas du Québec. Rencontre RIMEL (Rôle des installations mytilicole sur environnement littoral), Gouville-sur-mer (France), juin
- Archambault P., B.G. Clynick, C.W. McKindsey (2008) Secondary productivity of fish and macroinvertebrates in mussel aquaculture sites. ICES (International Council for the Exploration of the Sea) annual science conference, Halifax (NS, Canada), septembre
- Ardyna M., M. Gosselin, C. Michel (2008) Spatio-temporal variability of phytoplankton production and biomass in the High Canadian Arctic in summers 2005 to 2008. Arctic Change Conference, Québec (QC, Canada), décembre. **Affiche**
- Aubert A., G. Darnis, L. Fortier (2008) Winter dynamics of small zooplankton in Amundsen Gulf. Arctic Change Conference, Québec (QC, Canada), décembre
- Babin M., S. Bélanger (2008) Pan-Arctic primary production and organic matter photo-oxidation: significance of these two light-driven processes. ASLO (Advancing the science of limnology and oceanography) Ocean Science Meeting, Orlando (FL, USA), mars
- Bahoura M., Y. Simard (2008) Blue whale calls characterization using chirplet transform. Acoustics'08, Paris (France), juin-juillet. **Affiche**
- Bahoura M., Y. Simard (2008) Chirplet transform applied to simulated and real blue whale (*Balaenoptera musculus*) calls. ICISP 2008 (International Conference on Image and Signal Processing), Cherbourg-Octeville (France), juillet
- Barber D.G., T. Papakyriakou, R. Macdonald, Y. Gratton, L. Fortier, M. Gosselin, J. Hanesiak, J.-É. Tremblay, S. Ferguson, G. Stern, S. Meakin, J. Deming, D. Leitch (2008) The International Polar Year (IPY) Circumpolar Flaw Lead (CFL) system study. Arctic Change Conference, Québec (QC, Canada), décembre
- Beauplet G. (2008) Variations des performances de pêche et des performances démographiques des femelles otaries à fourrure de l'île d'Amsterdam : influence de la qualité individuelle et des conditions environnementales. Parc Aquarium de Québec, Québec (QC, Canada), mars
- Beauplet G. (2008) Variations des performances de pêche et des performances démographiques des femelles otaries à fourrure de l'île d'Amsterdam : influence de la qualité individuelle et des conditions environnementales. Institut Maurice Lamontagne Mont-Joli (QC, Canada), janvier
- Bélanger S. (2008) CDOM photooxidation in the Arctic Ocean: CO<sub>2</sub> production and climate change. ASLO (Advancing the science of limnology and oceanography) Ocean Science Meeting, Orlando (FL, USA), mars
- Bélanger S., M. Babin (2008) Satellite-based assessment of the light-driven components of the modern Arctic Ocean biogeochemical carbon cycle. Arctic Change Conference, Québec (QC, Canada), décembre

- Bélanger S., Y. Huot, M. Babin (2008) Light-driven carbon fluxes in the Arctic Ocean: the balance between photo-oxidation and photosynthesis in the context of climate change. Ocean Optics XIX, Barga (Italie), octobre
- Bélanger V., P. Archambault, F. Guichard, L.A. Johnson (2008) Recruitment and production of the blue mussel on navigational buoys in the St. Lawrence system (Estuary and Gulf). ICES (International Council for the Exploration of the Sea) annual science conference, Halifax (NS, Canada), septembre. **Affiche**
- Belley R., P. Archambault, B. Sundby, F. Gilbert, J.-M. Gagnon (2008) Environmental factors influencing macrobenthic biodiversity and bioturbation in the Estuary and Gulf of St. Lawrence, Canada. ICES (International Council for the Exploration of the Sea) annual science conference, Halifax (NS, Canada), septembre
- Benoit D., Y. Simard, L. Fortier (2008) Seasonal and daily scale behaviour of Arctic cod winter aggregations under the sea-ice cover at a fixed station in Franklin Bay (Beaufort Sea). Arctic Change Conference, Québec (QC, Canada), décembre
- Berrouard M., J.-É. Tremblay (2008) The roles of non-photosynthetic prokaryotes in the marine nitrogen cycle in the eastern and western high Canadian Arctic. Arctic Change Conference, Québec (QC, Canada), décembre. **Affiche**
- Blais M. J.-É., Tremblay (2008) Importance of N<sub>2</sub> fixation and dissolved organic nitrogen for primary producers in the southeast Beaufort Sea and northern Baffin Bay. Arctic Change Conference, Québec (QC, Canada), décembre. **Affiche**
- Bouchard C., M.L. Madsen, S.-E. Fevolden, L. Fortier (2008) Population structure in polar cod (*Boreogadus saida*): first results from a circumpolar study using microsatellites. Arctic Change Conference, Québec (QC, Canada), décembre
- Bourgault-Brunelle C., P. Larouche, D. Doxaran, M. Babin (2008) Phytoplankton light absorption properties in the Arctic regions: a global view. Arctic Change Conference, Québec (QC, Canada), décembre. **Affiche**
- Bourgault-Brunelle C., P. Larouche, D. Doxaran, M. Babin (2008) Phytoplankton light absorption properties in the Arctic regions: a global view. Ocean Optics XIX, Barga (Italie), octobre. **Affiche**
- Bremner J., M. Cusson, P.E. Renaud, A.J. Pershing, J.S. Gray (2008) Benthos characterisation and link with climate drivers of the Norwegian continental shelf and other European arctic habitats. World conference on Marine Biodiversity, Valencia (Espagne), novembre
- Brown T.M., T.A. Sheldon, M. Gosselin, L. Bourgeois, J.-É Tremblay, Y. Gratton, K.J. Reimer (2008) Spatial and temporal variability of the phytoplankton composition, biomass and production in the fiords of Northern Labrador. Arctic Change Conference, Québec (QC, Canada), décembre. **Affiche**
- Bulleri F., M. Cusson, L. Benedetti-Cecchi, J. Kotta, T. Crowe (2008) Effect of biodiversity on the functioning and stability of marine communities — evidence from meta-analysis of experimental studies. World conference on Marine Biodiversity, Valencia (Espagne), novembre. **Affiche**
- Charvet S., T. Harding, T. Varin, A.D. Jungblut, P.G. Rossi, W.F. Vincent, C. Lovejoy (2008) Molecular approaches to biodiversity, distribution and ecology of high Arctic aquatic microbes. Arctic Change Conference, Québec (QC, Canada), décembre. **Affiche**
- Cindy C., P. Archambault, C.W. McKindsey, F. Olivier (2008) Does intertidal mussel aquaculture in highly dynamic systems enhance biodiversity? ICES (International Council for the Exploration of the Sea) annual science conference, Halifax (NS, Canada), septembre. **Affiche**

- Collin A., P. Archambault, B. Long (2008) Relating spatial scale to benthoscape patterns with a high-resolution bathymetric LiDAR. ICCE (International Conference on Coastal Engineering), Hamburg (Allemagne), août-septembre
- Collin A., B. Long, P. Archambault (2008) The use of the SHOALS waveforms to mapping habitat within the seamless benthoscape. IEEE (International Geoscience & Remote Sensing Symposium), Boston (MA, USA), juillet
- Conversano M., Y. Simard, N. Ménard (2008) Comportement tidal et saisonnier du béluga à l'embouchure du Saguenay : relations avec la dynamique des proies et les processus hydrodynamiques au seuil du fjord. Colloque scientifique du Parc Marin du Saguenay-Saint-Laurent, Rivière-du-Loup (QC, Canada), octobre. **Affiche**
- Crowe S.A., D. Fowle, S. Katsev, B. Sundby, A. Mucci, D. Haffner (2008) Geochemistry of molybdenum in a modern archean ocean analogue. Goldschmidt Conference, Vancouver (BC, Canada), juillet
- Crowe T., L. Benedetti-Cecchi, M. Cusson, F. Bulleri, S. Jenkins, R. Aspden, D.M. Patterson, J. Terrados, D. Davout (2008) Relationships between biodiversity and the stability and functioning of marine ecosystems: experimental comparisons among habitats at a European scale. World conference on Marine Biodiversity, Valencia (Espagne), novembre
- Cusson M. (2008) Macroecology of marine biodiversity. Université de Jyväskylä (Finlande), avril
- Cusson M. (2008) Études macro-écologiques de la biodiversité : approches en milieux marins. Université du Québec à Chicoutimi (QC, Canada), avril
- Cusson M. (2008) Comparative coastal ecology: macro-ecology, biodiversity and functional ecology. Université Åbo Akademi, Turku (Finlande), mars
- Cusson M., L. Benedetti-Cecchi, T. Crowe (2008) Diversity-stability relationships in marine systems - evidence from targeted sampling and comparison with outcomes of meta-analysis. World conference on Marine Biodiversity, Valencia (Espagne), novembre
- Darnis G., L. Fortier (2008) Dynamics of mesozooplankton respiration in Amundsen Gulf (southeastern Beaufort Sea). Arctic Change Conference, Québec (QC, Canada), décembre
- Dodson J.J. (2008) Migratory reaction norms and the evolution of partial anadromy in salmonid fishes. INRA (Institut National de la Recherche Agronomique), St-Pée/Nivelle (France), mai
- Dodson J.J. (2008) Use of estuarine and nearshore habitats by yellow-stage American eels. INRA (Institut National de la Recherche Agronomique), St-Pée/Nivelle (France), juin
- Dodson J.J. (2008) Use of estuarine and nearshore habitats by yellow-stage American eels. Journées Anguille du GRISAM (Groupement d'Intérêt Scientifique sur les espèces Amphihalines), Rennes (France), juin
- Dumont D., Y. Gratton, T.E. Arbetter (2008) Modeling the dynamics of the North Water Polynya ice bridge. AGU (American Geophysical Union) Fall meeting, San Francisco (CA, USA), décembre. **Affiche**
- Dumont D., J. Martin, J.-É. Tremblay (2008) Modelling the subsurface chlorophyll maximum in the Amundsen Gulf. Arctic Change Conference, Québec (QC, Canada), décembre. **Affiche**
- Estrada R., M. Harvey, M. Gosselin, M. Starr (2008) Late summer zooplankton community structure, abundance and distribution in the Hudson Bay system and their relations with environmental conditions, 2003-2006. Arctic Change Conference, Québec (QC, Canada), décembre. **Affiche**

- Ferland J., M. Gosselin, M. Starr (2008) Spatial variability of summer primary production in the Hudson Bay complex. Arctic Change Conference, Québec (QC, Canada), décembre
- Forest A., S. Bélanger, M. Sampei, H. Sasaki, L. Fortier (2008) Three-year assessment of particulate organic carbon fluxes in Amundsen Gulf (Beaufort Sea): satellite observations and sediment trap measurements. ASLO (Advancing the science of limnology and oceanography) Ocean Science Meeting, Orlando (FL, USA), mars
- Forest A., M. Sampei, C. Lalande, H. Sasaki, L. Fortier (2008) Temporal variability of the deep particle flux in central Amundsen Gulf (western Canadian Arctic): evidence for change or continuity? Arctic Change Conference, Québec (QC, Canada), décembre
- Fortier L. (2008) What do we know about the rapidly changing Arctic and sub-arctic. Arctic Change Conference, Québec (QC, Canada), décembre
- Fortier L. (2008) What do we know about the rapidly changing Arctic and sub-arctic. NATO (North Atlantic Treaty Organization)-RUSSIA ARW (Advanced Research Workshop) + 40<sup>th</sup> International Liège, Liège (Belgique), mai
- Gagné J.-P. (2008) La contribution des processus de sorption à la persistance environnementale du toxaphène. Université de Bordeaux 1 (France), juillet
- Gagnon K., L.E. Johnson, C.W. McKindsey (2008) The establishment of the invasive green alga *Codium fragile* in eelgrass meadows in the Gulf of St. Lawrence. CAISN (Canadian Aquatic Invasive Species Network) Annual General Meeting & Conference, Banff (AB, Canada), avril. **Affiche**
- Geoffroy M., L. Fortier (2008) Could the immense aggregation of Arctic cod (*Boreogadus saida*) found in Franklin Bay extend to the Amundsen Gulf? Arctic Change Conference, Québec (QC, Canada), décembre
- Gervaise C., C. Liret, Y. Stéphan, Y. Simard (2008) Acoustique sous-marine pour les écosystèmes côtiers – Application à l'archipel de Molène et aux abords de l'île d'Ouessant. Seatechweek 2008, Brest (France), octobre
- Gouhier T.C., F. Guichard (2008) Spatiotemporal heterogeneity in marine metacommunities. 2008 CSEE (Canadian Society of Ecology and Evolution) Meeting, Vancouver (BC, Canada), mai
- Granskog M.A., Z. Kuzyk, R. Macdonald, S. Senneville, J. Martin, J.-É. Tremblay, C.J. Mundy, D.G. Barber, G. Stern (2008) Recent observations on the distribution and dynamics of freshwater in the Hudson Bay System. Arctic Change Conference, Québec (QC, Canada), décembre
- Gratton Y., L. Prieur, J.-É. Tremblay, A. Mucci (2008) Structure and dynamics of the Amundsen Gulf Eddies. Arctic Change Conference, Québec (QC, Canada), décembre
- Guyondet T., J. Grant, S. Roy, V.G. Koutitonsky, G. Tita, P. Archambault, C.W. McKindsey, P.J. Cranford (2008) Integrated modelling of the interactions between mussel culture and the surrounding ecosystems in Grande-Entrée lagoon (Magdalen Islands, Quebec). ASLO (Advancing the science of limnology and oceanography) Summer Meeting, St-Jean (NL, Canada), juin
- Hudson E.D., P.A. Ariya (2008) Derivatization and solid-phase microextraction (SPME) for the determination of trace aldehydes and ketones in surface seawaters. 54<sup>th</sup> ICASS (International Conference on Analytical Sciences and Spectroscopy), Montréal (QC, Canada), août
- Hudson E.D., P.A. Ariya (2008) Gas chromatographic determination of trace aldehydes and ketones in seawater using derivatization and solid-phase microextraction (SPME). 11<sup>th</sup> Annual CBGRC (Chemistry & Biochemistry Graduate Research Conference), Montréal (QC, Canada), novembre

- Johnson L.E. (2008) Blowing in the wind: environmental control of an intertidal algal-herbivore interaction. Université de Dalhousie (NS, Canada), octobre
- Jungblut A.D., C. Lovejoy W.F. Vincent (2008) Arctic microbial life a genetic resource? Arctic Change Conference, Québec (QC, Canada), décembre. **Affiche**
- Katsev S., S.A. Crowe, D. Haffner, A. Mucci, B. Sundby, D. Fowle (2008) Modeling biogeochemistry in an early ocean analogue. Goldschmidt Conference, Vancouver (BC, Canada), juillet
- Lacoste C., C. Nozais, B. Philippe, C.J. Mundy, M. Gosselin, C. Michel (2008) Influence of snow cover thickness on the taxonomic composition and abundance of sympagic meiofauna in the Canadian Beaufort sea and their importance in the sea ice carbon flow. Arctic Change Conference, Québec (QC, Canada), décembre. **Affiche**
- Lalande C., L. Fortier (2008) Contribution of medusae to the increasing annual particulate organic carbon export in Hudson Bay. Arctic Change Conference, Québec (QC, Canada), décembre
- Lalande C., L. Fortier (2008) Variations in annual cycles of vertical particulate organic carbon export on Arctic shelves: a comparison between the Laptev Sea, northern Baffin Bay and the Beaufort Sea. Arctic Change Conference, Québec (QC, Canada), décembre
- Lansard B., A. Mucci, L. Miller, R.W. Macdonald, Y. Gratton (2008) Winter variability of carbonate system parameters in the water column of Franklin Bay (CASES winter station). Arctic Change Conference, Québec (QC, Canada), décembre. **Affiche**
- Lapoussière A., C. Michel, M. Gosselin, J-É. Tremblay, Y. Gratton, M. Poulin (2008) Phytoplankton biomass, primary production and export in the Hudson Bay system. Arctic Change Conference, Québec (QC, Canada), décembre
- Leblanc E., M. Bahoura, Y. Simard (2008) Comparison of automatic classification methods for beluga whales vocalizations. Acoustics'08, Paris (France), juin-juillet
- Leblanc E., M. Bahoura, Y. Simard (2008) Méthode automatisée de détection et classification des vocalises du béluga dans le Parc Marin Saguenay-Saint-Laurent en vue d'une implémentation en temps-réel. Colloque scientifique du Parc Marin du Saguenay-Saint-Laurent, Rivière-du-Loup (QC, Canada), octobre. **Affiche**
- Le Corre N., G. Smith G, L.E. Johnson, F. Guichard (2008) Demographic and hydrodynamic control of the regional distribution of mussels (*Mytilus. spp.*) in the St. Lawrence Estuary: a metapopulation approach. Benthic Ecology Meeting, Providence (RI, USA), avril. **Affiche**
- Lemarchand K. (2008) Les applications possibles de la DGGE et des biopuces à ADN dans la détection des pathogènes en milieu naturel. CHUL (Centre Hospitalier de l'Université Laval), Québec (QC, Canada), octobre
- Le Mer C., R.L. Roy, J. Pellerin (2008) Effets des expositions aux pesticides atrazine et glyphosate, sur des larves d'épinoches à trois-épines (*Gasterosteus aculeatus*). 12<sup>ème</sup> Colloque annuel du Chapitre Saint-Laurent, Québec (QC, Canada), mai
- Levasseur M. (2008) Biogeochemical impacts of Asian dust on the North Pacific ecosystem and climate. IOS (Institute of Ocean Science), Sydney (BC, Canada), mars
- Levasseur M. (2008) DMSP microbial dynamics along a natural iron gradient in the Northeast Pacific. PICES (North Pacific Marine Science Organization) Seventeenth Annual Meeting, Dalian (Chine), octobre
- Levasseur M. (2008) Dust and ocean DMS production: reconciling geological records with recent observations. ASLO (Advancing the science of limnology and oceanography) Summer Meeting, St-Jean (NL, Canada), juin

- Levasseur M. (2008) Models as predictive tools for the management of HABs and shellfish toxicity. The 13<sup>th</sup> International Conference on Harmful Algae, Hong Kong (Chine), novembre
- Levasseur M. (2008) Poussières et production océanique de DMS : comment réconcilier observations historiques et récentes. INRS-ETE (Institut national de la recherche scientifique – Centre - Eau Terre Environnement), Québec (QC, Canada), mai
- Lévesque M., P. Archambault, D. Archambault, J.-C. Brêthes, S. Vaz (2008) Epibenthic macrofauna community structure of the Gulf of St. Lawrence in relation to environmental factors and commercial fish assemblages: multivariate and geostatistics approaches. ICES (International Council for the Exploration of the Sea) annual science conference, Halifax (NS, Canada), septembre
- Link H., D. Piepenburg, T. Tamelander, M. Damerau, P.E. Renaud, P. Archambault (2008) Relationship between sea ice-cover and benthic carbon turnover in the Amundsen Gulf. Arctic Change Conference, Québec (QC, Canada), décembre
- Lizotte M., M. Levasseur, A. Merzouk, M.G. Scarratt, S. Michaud, M. Gosselin, J. Pommier, R. Rivkin, R.P. Kiene (2008) Seasonal and spatial patterns of microbial DMSP cycling in the northwest Atlantic Ocean. ASLO (Advancing the science of limnology and oceanography) Summer Meeting, St-Jean (NL, Canada), juin
- Loseto L., G. Stern, D. Diebel, T. Connely, B. Gemmill, A. Prokopowicz, L. Fortier, S. Ferguson (2008) Beluga contaminant levels: an ecosystem approach to a species specific question. Arctic Change Conference, Québec (QC, Canada), décembre
- Lovejoy C. (2008) Can climate change displace microbial species to extinction? CIFAR (Canadian Institute for Advanced Research), Integrated Microbial Biodiversity General Program Meeting, Grenville-sur-la-rouge (QC, Canada), mai
- Lovejoy C. (2008) Arctic marine eukaryotes: evolution, ecology or happenstance? The 3<sup>rd</sup> International Conference on Polar and Alpine Microbiology, Banff (BC, Canada), mai
- Lovejoy C., M. Potvin, K. Scarcella, R. Terrado, M. Thaler (2008) In from the cold: uncultivated arctic protists. ASLO (Advancing the science of limnology and oceanography) Ocean Science Meeting, Orlando (FL, USA), mars
- Lovejoy C., K. Scarcella (2008) Water masses, shelf influences and depth distributions of arctic microbial species. ICES (International Council for the Exploration of the Sea) annual science conference, Halifax (NS, Canada), septembre
- Luce M., M. Scarratt, S. Michaud, C. Lovejoy, S.-J. Royer, M. Poulin, R.P. Kiene (2008) Microbial production of dimethylsulfide in the Arctic. Arctic Change Conference, Québec (QC, Canada), décembre. **Affiche**
- Luce M., M. Levasseur, M. Scarratt, S. Michaud, C. Lovejoy, S.J. Royer, M. Poulin, R.P. Kiene (2008) Microbial production of dimethylsulfide in the Arctic. ASLO (Advancing the science of limnology and oceanography) Summer Meeting, St-Jean (NL, Canada), juin
- Macdonald R.W., C. Gobeil, D. Dubien (2008) The organic carbon flux to the margin sediments of Canada's three oceans; redox tracers, stable isotopes and biomarkers as proxies for change. CMOS (Canadian Meteorological and Oceanographical Society) 2008 Congress, Kelowna (BC, Canada), mai
- Maranger R., D. Nguyen, J.-É. Tremblay, G. Maltais-Landry (2008) Nitrous oxide concentrations in the Amundsen Gulf of the Arctic Ocean. Arctic Change Conference, Québec (QC, Canada), décembre

- Martin J., J.-É. Tremblay, J. Gagnon (2008) Prevalence, properties and implications of subsurface chlorophyll maxima in the western Arctic. Arctic Change Conference, Québec (QC, Canada), décembre. **Affiche**
- Marzouk A., L.E. Johnson (2008) Effects of algal nutritional quality on the growth and reproduction of an intertidal herbivore, the gastropod *Littorina saxatilis*. Benthic Ecology Meeting, Providence (RI, USA), avril. **Affiche**
- McKindsey C.W., M.D. Callier, P. Archambault, A.M. Weise (2008) Farmed mussel biodeposit production and dose-dependent influence on benthic communities. ICES (International Council for the Exploration of the Sea) annual science conference, Halifax (NS, Canada), septembre
- Mercier B., S. Moreau, G. Ferreyra, K. Lemarchand (2008) Abundance and diversity of bacterioplankton in the Western Antarctic Peninsula: a seasonal survey. 2008 Annual Conference of the CSM (Canadian Society of Microbiologists), Calgary (AB, Canada), juin. **Affiche**
- Michaud J., L. Fortier (2008) Impact of the Great Whale River spring freshet on the vertical distribution and first-feeding success of marine fish larvae under the ice cover of Hudson Bay. Arctic Change Conference, Québec (QC, Canada), décembre
- Mundy C.J., M. Gosselin, J.K. Ehn, A.L. Rossnagel, D.G. Barber, J. Martin, J.-É. Tremblay, Y. Gratton, G. Darnis, L. Fortier, M. Palmer, K. Arrigo (2008) Dynamics of under-ice phytoplankton blooms observed in two adjacent coastal arctic bays. Arctic Change Conference, Québec (QC, Canada), décembre
- Mundy C.J., M. Gosselin, J.K. Ehn, A.L. Rossnagel, D.G. Barber, J. Martin, J.-É. Tremblay, Y. Gratton, M. Palmer, K. Arrigo, G. Darnis, L. Fortier, B. Else (2008) Contribution of under-ice primary production to an ice-edge upwelling induced phytoplankton bloom. Arctic Change Conference, Québec (QC, Canada), décembre. **Affiche**
- Mundy C.J., M. Gosselin, M. Starr, C. Michel (2008) Riverine export and the effects of circulation on dissolved organic carbon in the Hudson Bay system, Canada. Arctic Change Conference, Québec (QC, Canada), décembre
- Neumeier U. (2008) Boulder transport by ice on a semi-protected tidal-flat. 2008 GAC-MAC Annual Meetings (Geological Association of Canada – Association géologique du Canada) Québec (QC, Canada), mai
- Neumeier U. (2008) Évolution des marais littoraux de l'estuaire maritime du Saint-Laurent. Congrès quadriennuel de l'AQQUA (Association Québécoise pour l'Étude du Quaternaire) 2008, Baie-Comeau (QC, Canada), août
- Niemi A., C. Michel (2008) Surviving the dark winter period: distribution and strategies of sea-ice microorganisms. Arctic Change Conference, Québec (QC, Canada), décembre. **Affiche**
- Niemi A., C. Michel, M. Gosselin (2008) Distribution of sea-ice exopolymeric substances and microorganisms during the dark winter period, western Canadian Arctic. ASLO (Advancing the science of limnology and oceanography) Ocean Science Meeting, Orlando (FL, USA), mars. **Affiche**
- Nozais C., C. Lacoste (2008) Role of sea-ice metazoan meiofauna in organic matter fluxes in the Canadian Arctic. The CFL (Circumpolar Flaw Lead System Study) ice-associated ecosystem workshop, Rimouski (QC, Canada), décembre. **Affiche**
- Palmer M., K. Arrigo, C.J. Mundy, M. Gosselin (2008) Photosynthetic characteristics of natural phytoplankton assemblages in the Beaufort Sea, Canadian Arctic. Arctic Change Conference, Québec (QC, Canada), décembre. **Affiche**

- Pellerin J. (2008) Risk assessment of pollutants in the marine environment in the context of global warming. Université de Milan (Italie), février
- Pellerin J. (2008) Variations de la condition physiologique de *Mya arenaria* dans le Parc marin Saguenay-Saint-Laurent. Colloque scientifique du Parc Marin du Saguenay-Saint-Laurent, Rivière-du-Loup (QC, Canada), octobre
- Pellerin J., J.-C. Amiard (2008) La création du réseau atlantique et la réalisation d'un cours sur la pollution marine dans le cadre de l'Université virtuelle francophone de l'Agence universitaire francophone. Congrès national des sociétés historiques et scientifiques, Cths (comité des travaux historiques et scientifiques), Québec (QC, Canada), juin
- Pellerin J., J.-C. Amiard (2008) L'étude de la qualité des environnements marins et estuariens à l'aide d'espèces sentinelles (*Crassostrea gigas*, *Mytilus edulis*, *Mya arenaria*). Congrès national des sociétés historiques et scientifiques, Cths (comité des travaux historiques et scientifiques), Québec (QC, Canada), juin
- Pellerin J., J.-C. Amiard (2008) Relationships between metallothionein induction, cadmium, copper and zinc levels and environmental parameters in the soft shell clam *Mya Arenaria* in the Saguenay Fjord and the St. Lawrence River maritime Estuary. Oceans'08 MTS/IEEE (Marine Technology Society), Québec (QC, Canada), septembre
- Pellerin J., N. Lemaire, S. Cartier, L. Girault (2008) Are temperature and food important for sexual maturation in blue mussels (*Mytilus sp.*) and the soft shell clam (*Mya arenaria*)? Physiomar 08 International Meeting, Brest (France), septembre
- Pelletier E., E. Carmack, G. Ferreyra, K. Lemarchand, F. Momo, S. Roy, I. Schloss, H. Xie, S. Demers (2008) Effects of climate warming and UV-B enhancement on high latitude plankton communities – Implications for the biological pump. SCAR/IASC IPY open science conference. Polar Research – Arctic and Antarctic perspectives in the International Polar Year, St Petersburg (Russie), juillet. **Affiche**
- Philippe B., C.J. Mundy, M. Poulin, M. Gosselin, C. Nozais (2008) Recent changes in the dynamics of ice algae in the Canadian Beaufort Sea. Arctic Change Conference, Québec (QC, Canada), décembre. **Affiche**
- Pineault S., J.-É. Tremblay (2008) Stable isotopic signatures of the sympagic and pelagic biota in the southeast Beaufort Sea. Arctic Change Conference, Québec (QC, Canada), décembre. **Affiche**
- Piot A., M. Lenz, M. Vasel, P. Archambault, M. Wahl (2008) Large scale study of algal adaptation to temporary low-light conditions. Benthic Ecology Meeting, Providence (RI, USA), avril
- Potvin E., A. Rochon, C. Lovejoy (2008) Genetics and cyst-theca relationship of the Arctic dinoflagellate cyst *Islandinium minutum*. Arctic Change Conference, Québec (QC, Canada), décembre. **Affiche**
- Proteau K., C. Michel, M. Poulin, M. Gosselin (2008) Influence of a river plume on ice algal assemblages in western Hudson Bay. Arctic Change Conference, Québec (QC, Canada), décembre. **Affiche**
- Prokopowicz A., S. Rueckert, B.S.S Leander, J. Michaud, L. Fortier (2008) Parasitic infection of the hyperiid amphipod *Themisto libellula* in the western Canadian Arctic, including a description of *Ganymedes themisto sp. n. (apicomplexa, gregarina)*. Arctic Change Conference, Québec (QC, Canada), décembre
- Puebla O., E. Bermingham, F. Guichard (2008) Genetic signatures of dispersal limitation in hamlet fish. ASLO (Advancing the science of limnology and oceanography) Ocean Science Meeting, Orlando (FL, USA), mars



- Roy N., Y. Simard, C. Bédard, E. Leblanc (2008) Habitat occupation time-series of St. Lawrence belugas from passive acoustic monitoring. Acoustics' 2008. Acoustics'08, Paris (France), juin-juillet
- Roy S. (2008) UV-B and ozone depletion: is phytoplankton in the ocean affected? Plymouth Marine Laboratory (U.K.) novembre
- Roy S. (2008) L'algue toxique *Alexandrium tamarense* et ses proliférations. Colloque scientifique du Parc Marin du Saguenay-Saint-Laurent, Rivière-du-Loup (QC, Canada), octobre
- Roy S. (2008) Tout ce que vous voulez savoir sur *Alexandrium tamarense*. ISMER (Institut des sciences de la mer de Rimouski), Rimouski (QC, Canada), septembre
- Ringuette M., S. Plourde, L. Fortier (2008) Phytoplankton biomass, sea surface temperature and cannibalism/predation and their antagonistic effects on the North Water polynya copepods population dynamics. Arctic Change Conference, Québec (QC, Canada), décembre
- Randlett M.-È., C. Gobeil, R.W. Macdonald (2008) Arsenic response to organic carbon fluxes in Arctic Ocean sediments. Arctic Change Conference, Québec (QC, Canada), décembre. **Affiche**
- Sallon A., C. Michel, M. Gosselin (2008) Vertical sinking export of organic material from euphotic zone in the Canadian Beaufort Sea during summer 2008. Arctic Change Conference, Québec (QC, Canada), décembre. **Affiche**
- Sampei M., H. Sasaki, H. Hattori, A. Forest, L. Fortier (2008) Significant contribution of passively sinking copepods to downward export flux in Canadian arctic waters. Arctic Change Conference, Québec (QC, Canada), décembre
- Scarratt M., S. Michaud, M. Luce, S.-J. Royer, M. Levasseur (2008) Marine biogenic nitrous oxide in the Canadian Arctic archipelago. ASLO (Advancing the science of limnology and oceanography) Summer Meeting, St-Jean (TN, Canada), juin
- Séguin A., P. Archambault (2008) *In situ* determination of the impact of press and pulse disturbances on spatial variability of a St. Lawrence rocky intertidal ecosystem assemblages. ICES (International Council for the Exploration of the Sea) annual science conference, Halifax (NÉ, Canada), septembre. **Affiche**
- Sibert V., B. Zakardjian, M. Gosselin, M. Starr, S. Senneville (2008) Understanding the spatial and temporal variability of primary production over the Hudson Bay, Foxe Basin and Hudson Strait marine system via coupled bio-physical models. Arctic Change Conference, Québec (QC, Canada), décembre
- Simard Y. (2008) Enjeux écosystémiques et systèmes d'observation acoustiques dans le Saint-Laurent et l'Arctique Canadien. Sea Tech Week 2008, Brest (France), octobre
- Simard Y. (2008) La mer vue par acoustique active et passive. Jeux Interbio 2008, Rimouski (QC, Canada), janvier
- Simard Y. (2008) Le Parc Marin Saguenay-Saint-Laurent : processus océanographique à la base de ce garde-manger unique des baleines du Nord-Ouest Atlantique. Colloque scientifique du Parc Marin du Saguenay-Saint-Laurent, Rivière-du-Loup (QC, Canada), octobre
- Simard Y., C. Bédard, E. Leblanc, N. Roy (2008) Suivi automatisé des rythmes de fréquentation par le béluga dans le Parc Marin par une approche acoustique : exemple du Cap-de-Bon-Désir. Colloque scientifique du Parc Marin du Saguenay-Saint-Laurent, Rivière-du-Loup (QC, Canada), octobre. **Affiche**

- Simard Y., L. Fortier (2008) Listening at climate change in ice-covered seas: example with AURAL autonomous hydrophones in the Arctic. Oceans '08 MTS/IEEE (Marine Technology Society), Québec (QC, Canada), septembre
- Simard Y., N. Roy, C. Gervaise (2008) Masquage des vocalisations des rorquals bleus et rorquals communs par le bruit de la navigation dans le Parc Marin Saguenay-Saint-Laurent. Colloque scientifique du Parc Marin du Saguenay-Saint-Laurent, Rivière-du-Loup (QC, Canada), octobre. **Affiche**
- Simard Y., N. Roy, C. Gervaise (2008) The opening of Arctic shipping routes: underwater noise pollution consequences on marine mammal habitats as measured on a nearby southern seaway, the St. Lawrence. Arctic Change Conference, Québec (QC, Canada), décembre
- Simard Y., N. Roy, F.J. Saucier, J. Gagné, S. Giard (2008) Acoustic insight into the dynamics of the Saguenay fjord sill whale feeding ground in the St. Lawrence Estuary. ICES (International Council for the Exploration of the Sea) Symposium on the Ecosystem Approach with Fisheries Acoustics and Complementary Technologies, Bergen (Norvège), juin. **Affiche**
- Simard Y., N. Roy, F.J. Saucier, J. Gagné, S. Giard (2008) Agrégation de poissons fourrages au front tidal de subduction de la nappe froide à l'entrée du fjord du Saguenay dans le Parc Marin Saguenay-Saint-Laurent. Colloque scientifique du Parc Marin du Saguenay-Saint-Laurent, Rivière-du-Loup (QC, Canada), octobre. **Affiche**
- Simard Y., N. Roy, F.J. Saucier, J. Gagné, S. Giard (2008) Saguenay fjord entrance whale feeding ground: acoustic study of sill dynamics and tidal aggregation of forage fish. Acoustics'08, Paris (France), juin-juillet
- Simard Y., M. Sourisseau (2008) Diel shifts in krill acoustic and net catches estimates: comparisons of vertical and ADCP echosoundings with intensive net sampling. ICES (International Council for the Exploration of the Sea) Symposium on the Ecosystem Approach with Fisheries Acoustics and Complementary Technologies, Bergen (Norvège), juin
- Snelgrove P., P. Archambault, K. Juniper, P. Lawton, A. Metaxas, C.W. McKindsey, P. Pépin, D. Scheinder, V. Tunnicliffe (2008) Scientific criteria for conservation & suitable usage of marine biodiversity in Canada's oceans: the Canadian Healthy Oceans Network. World conference on Marine Biodiversity, Valencia (Espagne), novembre. **Affiche**
- Snelgrove P., D. Scheinder, P. Archambault, K. Juniper, V. Tunnicliffe, A. Metaxas, P. Lawton, C.W. McKindsey, P. Pépin (2008) Scientific criteria for conservation & sustainable usage of marine biodiversity in Canada's Oceans. World conference on Marine Biodiversity, Valencia (Espagne), novembre
- Snelgrove P., P. Archambault, K. Juniper, P. Lawton, A. Metaxas, C.W. McKindsey, P. Pépin, D. Scheinder, V. Tunnicliffe (2008) Scientific criteria for conservation & sustainable usage of marine biodiversity in Canada's Oceans. Oceans '08 MTS/IEEE (Marine Technology Society), Québec (QC, Canada), septembre
- Sundby B. (2008) Hypoxie dans le Golfe du Saint Laurent. Université Bordeaux 1, (France), juin
- Sundby B. (2008) Les milieux aquatiques : que peuvent nous apprendre les métaux ? Une histoire de deux océans. Université Bordeaux 1 (France), juin
- Sundby B. (2008) Oxygen decline in the Gulf of St. Lawrence, Canada. Institute of Marine Science, Bergen (Norvège), septembre

- Sundby B. (2008) View of the SCOR President on the future of multidisciplinary ocean research and the role of SCOR in the next decades. 50<sup>th</sup> Anniversary Symposium of the SCOR (Scientific Committee on Oceanic Research), Woods Hole (MA, USA), octobre
- Sundby B., A. Mucci, D. Gilbert, G. Majeau-Bettez, C. Gobeil (2008) The estuarine nutrient trap: evidence for increased diatom production in the Gulf of St. Lawrence. CMOS (Canadian Meteorological and Oceanographical Society) 2008 Congress, Kelowna (CB, Canada), mai
- Terrado R., E. Pedneault, M. Thaller, K. Scarcella, M. Potvin, C. Lovejoy (2008) Microbial genetic diversity in Arctic seals. Arctic Change Conference, Québec (QC, Canada), décembre. **Affiche**
- Thanassekos S., F. Dupont, L. Fortier (2008) Where do these captured larval Arctic cod come from? A back-tracking experiment with a coupled biophysical model in the North Water Polynya (1998). Arctic Change Conference, Québec (QC, Canada), décembre
- Toujani A., M. Gosselin, C. Belzile, C. Jose, B. Philippe, J. Ferland, M. Poulin (2008) Spatial distribution of phytoplankton and other protists in the coastal waters of the Hudson Bay system. Arctic Change Conference, Québec (QC, Canada), décembre. **Affiche**
- Tremblay B. (2008) An ice free Arctic ? Massachusetts Institute of Technology (MIT), Cambridge (MA, USA), février
- Tremblay B. (2008) Creating arctic sea ice protected area? AGU (American Geophysical Union) Fall meeting, San Francisco (CA, USA), décembre. **Affiche**
- Tremblay B. (2008) Melting glaciers: what gives? Freaky Friday, Université McGill, Montréal (QC, Canada) avril
- Tremblay B. (2008) The Canadian Arctic Buoy Program, Fifth edition of Soup and Science, McGill University, janvier
- Tremblay B. (2008) Un océan arctique libre de glace et sans iceberg ? France Amérique Jeunes et Association McGill France, février
- Tremblay G., C. Belzile, M. Gosselin, M. Poulin, S. Roy, J.-É. Tremblay (2008) Late summer phytoplankton distribution along a 3500 km transect in Canadian Arctic waters: strong numerical dominance by picoeukaryotes. Arctic Change Conference, Québec (QC, Canada), décembre. **Affiche**
- Tremblay J.-É. (2008) Are productive polar ecosystems efficient vectors of downward, particulate carbon flux? ASLO (Advancing the science of limnology and oceanography) Summer Meeting, St-Jean (TN, Canada), juin
- Tremblay J.-É., J. Gagnon (2008) The role of light, nutrients and vertical stability on primary production in the Arctic Ocean: a perspective on climate change. NATO (North Atlantic Treaty Organization)-RUSSIA ARW (Advanced Research Workshop) + 40<sup>th</sup> International Liège, Liège (Belgique), mai
- Tremblay J.-É., J. Gagnon, D. Dumont (2008) The effects of irradiance and nutrient supply on the productivity of Arctic waters: a new analysis of historical data. Arctic Change Conference, Québec (QC, Canada), décembre. **Affiche**
- Tremblay J.-E., J. Martin, J. Gagnon, S. Pineault (2008) Nutrient dynamics in the southeast Beaufort Sea during the CFL, CASES and ArcticNet campaigns: implications for primary productivity. Arctic Change Conference, Québec (QC, Canada), décembre
- Weise A.M., C.J. Crome, M.D. Callier, P. Archambault, J. Chamberlain, C.W. McKindsey (2008) Predictive ecological modelling for suspended shellfish aquaculture systems: assessing biodeposition and benthic effects with Shellfish-DEPOMOD. ICES (International Council for the Exploration of the Sea) annual science conference, Halifax (NS, Canada), septembre

- Winkler G. (2008) Rôle de la biodiversité cryptique dans le réseau trophique de la zone de transition de l'estuaire du Saint-Laurent : le cas du copépode *Eurytemora affinis*. IML (Institut Maurice Lamontagne), Mont-Joli (QC, Canada), janvier
- Wold A., G. Darnis, J. Søreides, L. Fortier, S. Falk-Petersen (2008) Lipid composition of the High Arctic herbivorous *Calanus hyperboreus* during spring in the Amundsen Gulf, Arctic Canada. Arctic Change Conference, Québec (QC, Canada), décembre