

## Liste de publications GEOVIDE (au 05/02/2020)

### *Revue à comité de lecture de rang A (Peer-review publications)*

#### **Accepted**

- 1- Tonnard, M., Planquette, H., Bowie, A. R., van der Merwe, P., Gallinari, M., Desprez de Gésincourt, F., Germain, Y., Gourain, A., Benetti, M., Reverdin, G., Tréguer, P., Boutorh, J., Cheize, M., Menzel Barraqueta, J.-L., Pereira-Contreira, L., Shelley, R., Lherminier, P., and Sarthou, G.: Dissolved iron in the North Atlantic Ocean and Labrador Sea along the GEOVIDE section (GEOTRACES section GA01), Biogeosciences Discuss., <https://doi.org/10.5194/bg-2018-147>, accepted, 2018.
- 2- Whitby Hannah, Hélène Planquette, Eva Bucciarelli, Nicolas Cassar, Christopher L. Osburn, Jay T. Cullen, David Janssen, Aridane G. González, Christoph Voelker, Géraldine Sarthou, The role of humic-like substances in the oceanic iron cycle, Scientific Report, accepted.

#### **2019**

- 3- Benetti M., G. Reverdin, J.S. Clarke, E. Tynan, N. P. Holliday, S. Torres-Valdes, P. Lherminier, I. Yashayaev Sources and distribution of fresh water around Cape Farewell in 2014, Journal of Geophysical Research, Oceans, 124, 9404–9416. <https://doi.org/10.1029/2019JC015080>, 2019.
- 4- Tang, Y., Stewart, G., The  $^{210}\text{Po}/^{210}\text{Pb}$  method to calculate particle export: lessons learned from the results of three GEOTRACES transects, Marine Chemistry, 217, <https://doi.org/10.1016/j.marchem.2019.103692>.
- 5- Tang, Y., Lemaitre, N., Castrillejo, M., Roca-Martí, M., Masqué, P. and Stewart, G.: The export flux of particulate organic carbon derived from  $^{210}\text{Po}/^{210}\text{Pb}$  disequilibria along the North Atlantic GEOTRACES GA01 transect: GEOVIDE cruise, Biogeosciences, 16(2), 309–327, <https://doi.org/10.5194/bg-16-309-2019>, 2019.

#### **2018**

- 6- Cossa D., Heimbürger L.E., Pérez F.F., García-Ibáñez M.I., Sonke, J.E. Planquette H., Lherminier P., Boutorh J., Cheize M., Menzel Barraqueta J.L., Shelley R., and Sarthou G. Mercury distribution and transport in the North Atlantic Ocean along the GEOTRACES-GA01 transect. Biogeosciences, 15(8), 2309–2323, doi:10.5194/bg-15-2309-2018
- 7- Castrillejo, M., Casacuberta, N., Christl, M., Vockenhuber, C., Synal, H.-A., García-Ibáñez, M. I., Lherminier, P., Sarthou, G., Garcia-Orellana, J. and Masqué, P.: Tracing water masses with  $^{129}\text{I}$  and  $^{236}\text{U}$  in the subpolar North Atlantic along the GEOTRACES GA01 section, Biogeosciences, 15(18), 5545–5564, doi:https://doi.org/10.5194/bg-15-5545-2018, 2018.
- 8- Deng, F., Henderson, G. M., Castrillejo, M., Perez, F. F. and Steinfeldt, R.: Evolution of  $^{231}\text{Pa}$  and  $^{230}\text{Th}$  in overflow waters of the North Atlantic, Biogeosciences, 15(23), 7299–7313, doi:https://doi.org/10.5194/bg-15-7299-2018, 2018.
- 9- Fonseca-Batista, D., Li, X., Riou, V., Michotey, V., Deman, F., Fripiat, F., Guasco, S., Brion, N., Lemaitre, N., Tonnard, M., Gallinari, M., Planquette, H., Planchon, F., Sarthou, G., Elskens, M., LaRoche, J., Chou, L. and Dehairs, F.: Evidence of high  $\text{N}_2$  fixation rates in the temperate northeast Atlantic, Biogeosciences, 16(5), 999–1017, doi:https://doi.org/10.5194/bg-16-999-2019, 2019.
- 10- García-Ibáñez, M. I., Pérez, F. F., Lherminier, P., Zunino, P., Mercier, H. and Tréguer, P.: Water mass distributions and transports for the 2014 GEOVIDE cruise in the North

- Atlantic, *Biogeosciences*, 15(7), 2075–2090, doi:<https://doi.org/10.5194/bg-15-2075-2018>, 2018.
- 11- Gourain, A., Planquette, H., Cheize, M., Lemaitre, N., Menzel Barraqueta, J.-L., Shelley, R., Lherminier, P. and Sarthou, G.: Inputs and processes affecting the distribution of particulate iron in the North Atlantic along the GEOVIDE (GEOTRACES GA01) section, *Biogeosciences*, 16(7), 1563–1582, doi:<https://doi.org/10.5194/bg-16-1563-2019>, 2019.
  - 12- Le Roy, E., Sanial, V., Charette, M. A., Beek, P. van, Lacan, F., Jacquet, S. H. M., Henderson, P. B., Souhaut, M., García-Ibáñez, M. I., Jeandel, C., Pérez, F. F. and Sarthou, G.: The 226Ra–Ba relationship in the North Atlantic during GEOTRACES-GA01, *Biogeosciences*, 15(9), 3027–3048, doi:<https://doi.org/10.5194/bg-15-3027-2018>, 2018.
  - 13- Lemaitre, N., Planchon, F., Planquette, H., Dehairs, F., Fonseca-Batista, D., Roukaerts, A., Deman, F., Tang, Y., Mariez, C. and Sarthou, G.: High variability of particulate organic carbon export along the North Atlantic GEOTRACES section GA01 as deduced from <sup>234</sup>Th fluxes, *Biogeosciences*, 15(21), 6417–6437, doi:<https://doi.org/10.5194/bg-15-6417-2018>, 2018a.
  - 14- Lemaitre, N., Planquette, H., Planchon, F., Sarthou, G., Jacquet, S., García-Ibáñez, M. I., Gourain, A., Cheize, M., Monin, L., André, L., Laha, P., Terry, H. and Dehairs, F.: Particulate barium tracing of significant mesopelagic carbon remineralisation in the North Atlantic, *Biogeosciences*, 15(8), 2289–2307, doi:<https://doi.org/10.5194/bg-15-2289-2018>, 2018b.
  - 15- Menzel Barraqueta, J.-L., Schlosser, C., Planquette, H., Gourain, A., Cheize, M., Boutorh, J., Shelley, R., Contreira Pereira, L., Gledhill, M., Hopwood, M. J., Lacan, F., Lherminier, P., Sarthou, G. and Achterberg, E. P.: Aluminium in the North Atlantic Ocean and the Labrador Sea (GEOTRACES GA01 section): roles of continental inputs and biogenic particle removal, *Biogeosciences*, 15(16), 5271–5286, doi:<https://doi.org/10.5194/bg-15-5271-2018>, 2018a.
  - 16- Menzel Barraqueta, J.-L., Klar, J. K., Gledhill, M., Schlosser, C., Shelley, R., Planquette, H. F., Wenzel, B., Sarthou, G. and Achterberg, E. P.: Atmospheric deposition fluxes over the Atlantic Ocean: a GEOTRACES case study, *Biogeosciences*, 16(7), 1525–1542, doi:<https://doi.org/10.5194/bg-16-1525-2019>, 2019
  - 17- Perez, F., Marcos Fontela, M., Maribel I. García-Ibáñez, Herlé Mercier, Anton Velo, Pascale Lherminier, Patricia Zunino, Mercedes de la Paz, Fernando Alonso-Pérez, Elisa F. Guallart, Xose A. Padin, 2018: Meridional overturning circulation conveys fast acidification to the deep Atlantic Ocean. *Nature*, 554, 515–518, doi:[10.1038/nature25493](https://doi.org/10.1038/nature25493)
  - 18- Reverdin, G., Metzl, N., Olafsdottir, S., Racapé, V., Takahashi, T., Benetti, M., Valdimarsson, H., Benoit-Cattin, A., Danielsen, M., Fin, J., Naamar, A., Pierrot, D., Sullivan, K., Bringas, F., and Goni, G.: SURATLANT: a 1993–2017 surface sampling in the central part of the North Atlantic subpolar gyre, *Earth Syst. Sci. Data*, 10, 1901–1924, <https://doi.org/10.5194/essd-10-1901-2018>, 2018.
  - 19- Sarthou, G., Lherminier, P., Achterberg, E. P., Alonso-Pérez, F., Bucciarelli, E., Boutorh, J., Bouvier, V., Boyle, E. A., Branellec, P., Carracedo, L. I., Casacuberta, N., Castrillejo, M., Cheize, M., Contreira Pereira, L., Cossa, D., Daniault, N., Saint-Léger, E. D., Dehairs, F., Deng, F., Desprez de Gésincourt, F., Devesa, J., Foliot, L., Fonseca-Batista, D., Gallinari, M., García-Ibáñez, M. I., Gourain, A., Grosstefan, E., Hamon, M., Heimbürger, L. E., Henderson, G. M., Jeandel, C., Kermabon, C., Lacan, F., Bot, P. L., Goff, M. L., Roy, E. L., Lefèvre, A., Leizour, S., Lemaitre, N., Masqué, P., Ménage, O., Menzel Barraqueta, J.-L., Mercier, H., Perault, F., Pérez, F. F., Planquette, H. F., Planchon, F., Roukaerts, A., Sanial, V., Sauzède, R., Schmechtig, C., Shelley, R. U., Stewart, G., Sutton, J. N., Tang, Y., Tisnérat-Laborde, N., Tonnard, M., Tréguer, P., Beek, P. van, Zurbrick, C. M. and Zunino, P.: Introduction to the French GEOTRACES North Atlantic Transect (GA01): GEOVIDE cruise,

- Biogeosciences, 15(23), 7097–7109, doi:<https://doi.org/10.5194/bg-15-7097-2018>, 2018.
- 20- Shelley, R. U., Landing, W. M., Ussher, S. J., Planquette, H. and Sarthou, G.: Regional trends in the fractional solubility of Fe and other metals from North Atlantic aerosols (GEOTRACES cruises GA01 and GA03) following a two-stage leach, *Biogeosciences*, 15(8), 2271–2288, doi:<https://doi.org/10.5194/bg-15-2271-2018>, 2018.
- 21- Sutton, J. N., Souza, G. F. de, García-Ibáñez, M. I. and Rocha, C. L. D. L.: The silicon stable isotope distribution along the GEOVIDE section (GEOTRACES GA-01) of the North Atlantic Ocean, *Biogeosciences*, 15(18), 5663–5676, doi:<https://doi.org/10.5194/bg-15-5663-2018>, 2018.
- 22- Tang, Y., Castrillejo, M., Roca-Martí, M., Masqué, P., Lemaitre, N. and Stewart, G.: Distributions of total and size-fractionated particulate <sup>210</sup>Po and <sup>210</sup>Pb activities along the North Atlantic GEOTRACES GA01 transect: GEOVIDE cruise, *Biogeosciences*, 15(17), 5437–5453, doi:<https://doi.org/10.5194/bg-15-5437-2018>, 2018.
- 23- Zurbrick, C. M., Boyle, E. A., Kayser, R. J., Reuer, M. K., Wu, J., Planquette, H., Shelley, R., Boutorh, J., Cheize, M., Contreira, L., Menzel Barraqueta, J.-L., Lacan, F. and Sarthou, G.: Dissolved Pb and Pb isotopes in the North Atlantic from the GEOVIDE transect (GEOTRACES GA-01) and their decadal evolution, *Biogeosciences*, 15(16), 4995–5014, doi:<https://doi.org/10.5194/bg-15-4995-2018>, 2018

## **2017**

- 24- Benetti M., Reverdin G., Yashayaev I., Holliday N.P., Tynan E., Torres S., Lherminier P., Tréguer P., Sarthou G., Lique C., 2017, Composition of freshwater in the spring of 2014 on the southern Labrador shelf and slope, *J. Geophys. Res. Oceans*, *J. Geophys. Res. Oceans*, 122, 1102–1121, doi:[10.1002/2016JC012244](https://doi.org/10.1002/2016JC012244).
- 25- Cossa Daniel, Lars-Eric Heimbürger, Jeroen Sonke, Helene Planquette, Pascale Lherminier, Maribel I. García-Ibáñez, Fiz Fernandez Perez, Géraldine Sarthou, 2017, Sources, recycling and transfer of mercury in the Labrador Sea (GEOTRACES GEOVIDE cruise), *Marine Chemistry*, 198, 64–69, <https://doi.org/10.1016/j.marchem.2017.11.006>
- 26- Zunino, P., Lherminier, P., Mercier, H., Daniault, N., García-Ibáñez, M. I. and Pérez, F. F.: The GEOVIDE cruise in May–June 2014 reveals an intense Meridional Overturning Circulation over a cold and fresh subpolar North Atlantic, *Biogeosciences*, 14(23), 5323–5342, doi:<https://doi.org/10.5194/bg-14-5323-2017>, 2017.

## **2016-2015**

- 27- Bakker, D. C. E., Pfeil, B., Landa, C. S., Metzl, N., O'Brien, K. M., Olsen, A., Smith, K., Cosca, C., Harasawa, S., Jones, S. D., Nakaoka, S.-I., Nojiri, Y., Schuster, U., Steinhoff, T., Sweeney, C., Takahashi, T., Tilbrook, B., Wada, C., Wanninkhof, R., Alin, S. R., Balestrini, C. F., Barbero, L., Bates, N. R., Bianchi, A. A., Bonou, F., Boutin, J., Bozec, Y., Burger, E. F., Cai, W.-J., Castle, R. D., Chen, L., Chierici, M., Currie, K., Evans, W., Featherstone, C., Feely, R. A., Fransson, A., Goyet, C., Greenwood, N., Gregor, L., Hankin, S., Hardman-Mountford, N. J., Harlay, J., Hauck, J., Hoppema, M., Humphreys, M. P., Hunt, C. W., Huss, B., Ibáñez, J. S. P., Johannessen, T., Keeling, R., Kitidis, V., Körtzinger, A., Kozyr, A., Krasakopoulou, E., Kuwata, A., Landschützer, P., Lauvset, S. K., Lefèvre, N., Lo Monaco, C., Manke, A., Mathis, J. T., Merlivat, L., Millero, F. J., Monteiro, P. M. S., Munro, D. R., Murata, A., Newberger, T., Omar, A. M., Ono, T., Paterson, K., Pearce, D., Pierrot, D., Robbins, L. L., Saito, S., Salisbury, J., Schlitzer, R., Schneider, B., Schweitzer, R., Sieger, R., Skjelvan, I., Sullivan, K. F., Sutherland, S. C., Sutton, A. J., Tadokoro, K., Telszewski, M., Tuma, M., Van Heuven, S. M. A. C., Vandemark, D., Ward, B., Watson, A. J., and Xu, S.: A multi-decade record of high-quality fCO<sub>2</sub> data in version 3 of the Surface Ocean CO<sub>2</sub> Atlas (SOCAT), *Earth Syst. Sci. Data*, 8, 383-413, doi:[10.5194/essd-8-383-2016](https://doi.org/10.5194/essd-8-383-2016), 2016

- 28- García-Ibáñez Maribel I., Zunino Rodriguez Patricia, Frob Friederike, Carracedo Lidia I., Ríos Aida F., Mercier Herle, Olsen Are, Perez Fiz F. (2016). Ocean acidification in the subpolar North Atlantic: rates and mechanisms controlling pH changes. *Biogeosciences*, 13(12), 3701-3715. <http://doi.org/10.5194/bg-13-3701-2016>, <http://archimer.ifremer.fr/doc/00343/45443/>.
- 29- Le Reste Serge, Dutreuil Vincent, Andre Xavier, Thierry Virginie, Renaut Corentin, Le Traon Pierre-Yves, Maze Guillaume (2016). "Deep-Arvor": A new profiling float to extend the Argo observations down to 4000m depth. *Journal Of Atmospheric And Oceanic Technology*, 33(5), 1039-1055. <http://doi.org/10.1175/JTECH-D-15-0214.1>
- 30- Shelley R. U., Roca-Martí M., Castrillejo M., Sanial V., Masqué P., Landing W. M., van Beek P., Planquette H., Sarthou G, 2016, Quantification of trace element atmospheric deposition fluxes to the Atlantic Ocean (>40°N; GEOVIDE, GEOTRACES GA01) during spring 2014. *Deep Sea Research Part I: Oceanographic Research Papers*, 119, 34–49. <http://doi.org/10.1016/j.dsr.2016.11.010>
- 31- Zunino, Patricia, Pascale Lherminier, Herlé Mercier, Xose A. Padin , Aida F. Ríos and Fiz F. Pérez, 2015, Dissolved Inorganic Carbon and anthropogenic CO2 budgets in the eastern Subpolar North Atlantic in the 2000s from in situ data. *Geophys. Res. Lett.*, 42, [doi:10.1002/2015GL066243](https://doi.org/10.1002/2015GL066243)

### *Communications (conférence)*

#### **2019**

1. Lagarde M., Lemaitre N., Planquette H., Grenier M., Belhadj M., Jeandel C., Particulate Rare Earth Elements behavior in the North Atlantic (GEOVIDE cruise). Poster session presented at the 7th Kaplan Symposium, Eilat, Israel, February 2019

#### **2018**

2. Artigue Lise, François Lacan, Catherine Pradoux, Géraldine Sarthou, Iron isotopic insights into the iron cycle around the Kerguelen Islands, 2018, Ocean Sciences Meeting, 11-16 February
3. Benetti Marion, Gilles P Reverdin, Naomi P Holliday, Solveig Olafsdottir, Pascale Lherminier, Geraldine Sarthou, Laura de Steur, Arny Sveinbjörnsdóttir, Jon Olafsson, Freshwater fluxes between the Arctic Ocean and the North Atlantic from water stable isotopes: study of coastal currents and interior of the subpolar gyre, 2018, Ocean Sciences Meeting, 11-16 February
4. Castrillejo M, Casacuberta N, Christl M, Garcia-Orellana J, Vockenhuber M, Synal H.-A, Masqué P, Artificial 236U and 129I in the North Atlantic (GEOTRACES-GA01 Transect) in Spring 2014: Assessment of Distribution and Constraint of their sources, 2018, Ocean Sciences Meeting, 11-16 February
5. Fiz Perez, Marcos Fontela, M.I. Garcia-Ibañez, Herlé Mercier, P Lherminier, P Zunino, M de la Paz, A Velo, X A Padin, F Alonso-Pérez, E F Guallart, Rapid shoaling of Aragonite Saturation Horizon along OVIDE (A25) line, Ocean Sciences Meeting, 11-16 February
6. Gourain Arthur, Pascal Salaun, Alessandro Tagliabue, Stan MG van den Berg, Julia Boutorh, Marie Cheize, Leonardo Pereira Contreira, Pascale Lherminier, Jan-Lukas Menzel Barraqueta, Hélène Planquette, Geraldine Sarthou and Rachel Shelley, Speciation of dissolved copper in North Atlantic along the GEOTRACES GA01 section, 2018, Ocean Sciences Meeting, 11-16 February
7. Lagarde M., Lemaitre N., Planquette H., Grenier M., Belhadj M., Jeandel C., Particulate Rare Earth Elements behavior in the North Atlantic (GEOVIDE cruise). Poster session presented at the Goldschmidt conference, Boston, MA, USA, August 2018
8. Lemaitre, Nolwenn, Archer Corey, Wang Ruo-Mei, Planquette Hélène, Cheize Marie, Boutorh Julia, Menzel Jan-Lukas, Shelley Rachel, Vance Derek, Addition of

isotopically light zinc in the North Atlantic (GEOVIDE; GEOTRACES GA01 transect), 2018, Goldschmidt, Boston, August 12-17.

9. Le Roy E., Sanial V., van Beek P., Lacan F., Souhaut M., Charette M.A., Henderson P., Deng F., Henderson G.M., 2018. The measurement and distribution of dissolved  $^{227}\text{Ac}$  along the GA01 section in the North Atlantic, Radium-Radon International meeting, 7th International workshop, July 2018, Delmenhorst, Germany.
10. Lherminier Pascale, Patricia Zunino, Herlé Mercier, Fiz Perez, Hydrographic data at OVIDE-A25 section across the north Atlantic reveals deep changes occurring in the subpolar gyre since 2014, 2018, Ocean Sciences Meeting, 11-16 February
11. Mercier Herlé, Pascale Lherminier, Patricia Zunino, Fiz Perez, OVIDE-A25, a biennial hydrographic transect across the North Atlantic Subpolar Gyre since 2002: Overview of the main scientific findings about the variability of the meridional overturning circulation. Ocean Sciences Meeting, 11-16 February
12. Tang Y, Masque, P., and Stewart G, Where and When it is Appropriate to Apply the  $^{210}\text{Po}/^{210}\text{Pb}$  Method to Calculate Particle Export; Lessons Learned From the Results of 3 GEOTRACES Cruises and Historical Measurements in the Global Ocean, 2018, Ocean Sciences Meeting, 11-16 February
13. van Beek P., 2018. Ocean tracers studies. Joint EC-JRC/IAEA workshop on low-level radioactivity measurements and applications (Jeilora), 5–7 December 2018, IAEA Environment Laboratories, Monaco.
14. Whitby Hannah, H el ene Planquette, Marie Cheize, Jan-Lukas Menzel-Barraquetta, Rachel Shelley, Julia boutorh, Leonardo Pereira, Aridane Gonzalez, Manon Tonnard, Eva Bucciarelli, G eraldine Sarthou, Iron-binding humic substances along the GEOVIDE transect in the North Atlantic (GEOTRACES, GA01, 2014), 2018, Ocean Sciences Meeting, 11-16 February

## **2017**

15. Artigue L, Lacan F, Pradoux C & Sarthou G, Iron Isotopic Fractionation by Phytoplankton Uptake off Kerguelen Islands, 2017, Goldschmidt conference, Paris, 13-18 August
16. Benetti M., G. Reverdin, N.P. Holliday, J. Olafsson, P. Lherminier, G. Sarthou, Laura de Steur, A. E. Sveinbj rnsd ttir, S. Torres-Valdes, E. Tynan, I. Yashayaev., Freshwater exports from Arctic to the Labrador and Greenland shelf and slope, 2017, EGU Meeting, European Geosciences Union, Vienna (Austria), 23-28 April.
17. Casacuberta N, Christl M, Vockenhuber C, Wefing A.-M, Masque P, Castrillejo M, Rutgers van-der-Loeff N, Yang S & Gruber N,  $^{129}\text{I}/^{236}\text{U}$  and  $^{236}\text{U}/^{238}\text{U}$  as Dual Tracer for Water Mass Circulation in the North Atlantic and Arctic Ocean, 2017, Goldschmidt conference, Paris, 13-18 August
18. Deman F., D. Fonseca Batista, F. Fripiat, E. Le Roy, D. Nuwam Thilakarathne, N. Lemaitre, A. Roukaerts and F. Dehairs, 2017.  $\text{N}_2$ -fixation footprint on nitrate isotopic composition in temperate Northeast Atlantic Ocean, Goldschmidt Conference, Paris 13-18 August, 2017.
19. Fonseca Batista D. & F. Dehairs, 2017. Dinitrogen fixation in the Atlantic Ocean, Intl. Workshop on Marine & Atmospheric Sciences in West Africa, Mindelo, Cabo Verde, Nov. 12-17, 2017.
20. Fonseca Batista D., F. Deman, X. Li, E. Le Roy, R. Ingeniero, C. Mariez, S. Roig, N. Lemaitre, F. Fripiat, L. Chou and F. Dehairs, Goldschmidt Conference, Paris 13-18 August 2017.
21. Gourain A, Salaun P, Tagliabue A, Vanden Berg C, Boutorh J, Cheize M, Contreira-Pereira L, Lherminier P, Menzel J-L, Sarthou G & Shelley R, Organic Complexation of Copper along the GEOTRACES GA01 Section, 2017, Goldschmidt conference, Paris, 13-18 August
22. Lemaitre N, Planquette H, Dehairs F, Sarthou G, Bollinger C, Jeandel C, Castrillejo M & Planchon F, Particulate Trace Element Export in the North Atlantic (GA01 Transect), 2017, Goldschmidt conference, Paris, 13-18 August

23. Le Roy E., Sanial V., Charette M., Henderson P., Souhaut M., Jacquet S., García-Ibáñez M., Pérez F., Lherminier P., Jeandel C., Lacan F., van Beek P. Radium-226 and barium as tracers of water masses in the North Atlantic (GEOVIDE section), 2017, European Geosciences Union General Assembly 2017, Vienna (Austria), 23-28 April
24. Le Roy E., Sanial V., Charette M., Henderson P., Lacan F., García-Ibáñez M., Pérez F., Jacquet S., Lherminier P., Souhaut M., Jeandel C., van Beek P. Distribution of radium-226 along the GA01-GEOTRACES section in the North Atlantic, 2017, Goldschmidt International Conference, Paris (France), 15-22 Aug
25. Masqué P, Castrillejo M, Casacuberta N, Christl M, Vockenhuber C, Garcia-Orellana J & Synal H.-A, Anthropogenic I-129 and U-236 along the GEOTRACES-GA01 Transect in the North Atlantic, 2017, Goldschmidt conference, Paris, 13-18 August
26. Mercier Herlé (invited talk), 2017: OVIDE-A25, a biennial hydrographic transect across the North Atlantic Subpolar Gyre since 2002: Overview of the main scientific findings about the variability of the meridional overturning circulation and its impact on the CO<sub>2</sub> physical pump. Conference LEFE-IMAGO: Observing and understanding the Atlantic Meridional Overturning Circulation. Brest, France, 3-5 May
27. Tang Y and Stewart G, The Influence of Particle Concentration and Composition on the Sorption and Fractionation of <sup>210</sup>Po and <sup>210</sup>Pb along the North Atlantic GEOTRACES Transect), 2017, Goldschmidt conference, Paris, 13-18 August
28. Tonnard M, Gonzalez AG, Whitby H, Bowie AR, van der Merwe P, Planquette H, Boutorh J, Cheize M, Menzel J-L, Pereira Contreira L, Shelley R & Sarthou G, Iron-Binding Ligands in the North Atlantic Ocean and Labrador Sea along the GEOVIDE Section (GEOTRACES GA01), 2017, Goldschmidt conference, Paris, 13-18 August
29. Stewart, G, <sup>210</sup>Po and <sup>210</sup>Pb as tracers of the biological pump in the ocean: Review of laboratory and field data, 2017, Goldschmidt conference, Paris, 13-18 August

## **2016**

30. Achterberg, E.P., Menzel Barraqueta, J.-L., Schlosser, C., Planquette, H., Cheize, M., Boutorh, J., Shelley, R., Sarthou, G. and Gledhill, M., High resolution dissolved and dissolvable aluminum measurements along the GEOVIDE section (GEOTRACES section GA01), 2016, Ocean Science Meeting, New Orleans, 21-26 Feb.
31. Heimbürger, L.-E., Cossa, D., Rijkenberg, M.J.A., Sarthou, G., Rutgers van der Loeff, M., Sunderland, E.M., and Sonke, J., 2016, Mercury in the North Atlantic and Arctic Oceans - results of the 2014 GEOTRACES GEOVIDE & 2015 GEOTRACES TransArc II cruises, Ocean Science Meeting, New Orleans, 21-26 Feb.
32. Le Roy E., Sanial V., Charette M., Henderson P., Souhaut M., Lacan F., van Beek P. Radium isotopes (<sup>226</sup>Ra & <sup>228</sup>Ra) along the GEOVIDE transect in the North Atlantic (GEOTRACES GA01), 2016, 6th international Ra-Rn workshop, Girona (Spain), 18-21 July
33. Lemaitre, N., Planchon, P., Planquette, H., Dehairs, F., Monin, L., André, L., Leemarkers, M., Fonseca-Batista, D., Roukaerts, A., Mourgues, C., Verstraeten, D., Castrillejo, M., Tang, Y., Jeandel, C., Sanial, V., Sauzède, R., Foliot, L., 2016. Carbon export fluxes along the GEOVIDE transect in the North Atlantic (GEOTRACES – GA01), Ocean Sciences Meeting, New Orleans, 21-26 Feb.
34. Lemaitre, N., Planquette, H., Dehairs, F., Monin, L., André, L., Jacquet, S., Planchon, F., 2016. Mesopelagic carbon remineralisation along the GEOVIDE transect in the North Atlantic (GEOTRACES – GA01), Ocean Sciences Meeting, New Orleans, 21-26 Feb.
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