

COMMUNICATIONS

2017:

- Fer, I., Bosse, A., Ferron, B., Bouruet-Aubertot, P. “The dissipation of kinetic energy in the Lofoten Basin Eddy”, Liège colloquium on Marine Turbulence, Mai 2017
- Bouruet-Aubertot, P., Cuypers, Y., Le Goff, H., Picheral, M., Rougier, G., Yohia, C., Petrenko, A. Verneuil, A., Doglioli, A., Caffin, M., Moutin, T., « Longitudinal contrast in small scale turbulence along 20S: origin and impact on biogeochemical fluxes », ASLO 2017, Honolulu, Hawaï (Février 2017)
- Caffin, M., Moutin, T., Bouruet-Aubertot, P., Doglioli, A., Grosso, O., Helias-Nunige, S., Leblond, N., Gimenez, A., de Verneil, A., Bonnet, S. “N₂ Fixation and N-Budget in the photic layer of three stations representative of the SW Pacific Ocean (OUTPACE cruise, 2015)”, ASLO 2017, Honolulu, Hawaï (Février 2017)
- Purwandana, A., Cuypers, Y., Bouruet-Aubertot, P., Bourgault, D. “Fate of Internal Solitary waves, Manado Bay, Indonesia”, Liège colloquium on Marine Turbulence, Mai 2017
- Vladioiu, A., Bouruet-Aubertot P., Cuypers Y., Ferron B., Schroeder K., Borghini M., Leizour S., Ben Ismail S. “Characterization of mixing efficiency from microstructure measurements in the Sicily Channel”, Liège colloquium on Marine Turbulence, Mai 2017

2016:

- Vladioiu, A., Bouruet-Aubertot P., Cuypers Y., Ferron B., Schroeder K., Borghini M., Leizour S., Bryden H., Ben Ismail S. “Turbulence in the Sicily strait from microstructure measurements”, Submesoscale processes, Liège colloquium on Ocean Dynamics, Mai 2016
- Cuypers Y., Bouruet-Aubertot P., Vialard J., McPhaden M. “Focusing of internal tides by near- inertial waves”, Submesoscale processes, Liège colloquium on Ocean Dynamics, Mai 2016
- de Verneil, A.M., Doglioli, Petrenko A., Bouruet-Aubertot P., Rougier G., Moutin T. “Mesoscale to Submesoscale variability during the OUTPACE cruise: Contrasting Biological and Physical regimes in the oligotrophic SW Pacific Submesoscale processes”, Liège colloquium on Ocean Dynamics, Mai 2016

2015:

- Bouruet-Aubertot P., Ferron B., Cuypers Y., Schroeder K., Borghini M., Leizour S., Bryden H., Ben Ismail S. “Observations of diapycnal mixing in the Mediterranean Sea”, IUGG, Prague, Juin, conférence invitée
- Bouruet-Aubertot P.; Cuypers Y., Ferron B., Dausse D., Ménage O., Atmadipoera A., Jaya I. « Parameterization of energy dissipation and turbulent mixing in the Indonesian Throughflow from INDOMIX experiment », IUGG, Prague
- Ferron B., Bouruet-Aubertot P., Cuypers Y., Schroeder K., Borghini M., Leizour S., Bryden H., Ben Ismail S. “Observations of diapycnal mixing in the Mediterranean Sea”, EUROMECH colloquium on turbulent mixing in stratified flows, Cambridge, Mars 2015

2013:

- Bouruet-Aubertot P., Cuypers Y., Lelong P., Prieur L., Marec C., Fuda JL, “Near-inertial waves within an anticyclonic eddy and turbulence in the Mediterranean sea during BOUM experiment” workshop on submesoscale ocean processes, Toronto, Juin 2013 (talk donné par P. Lelong en raison d’une campagne en mer au même moment)
- Bouruet-Aubertot P.; Cuypers Y., Ferron B., Dausse D., Ménage O., Atmadipoera A., Jaya I. « Turbulence and internal tides during INDOMIX cruise », Brisbane

2012:

- Bouruet-Aubertot, P., Lourenço, A., Cuypers, Y., Wolk, F., Lueck, R., Dengler, M., Brault, P., Sagot, J. 2012.a “Vers des mesures opérationnelles de turbulence: développement du flotteur MICROPRO”, communication au 7^{ème} meeting ARGO France, Brest, Juin 2012.
- Bouruet-Aubertot, P., Lourenço, A., Cuypers, Y., Beauverger, M., Wolk, F., Dengler, M., Lueck, R., Stern, P. 2012.b “Toward operational measurements of turbulence using an ARGO float: development of MICROPRO float”, poster presentation at the 4th ARGO science meeting, Venice, Sept. 2012.
- Bouruet-Aubertot, P., Cuypers, Y., Ferron, B., Dausse, D., Ménage, O., Atmadipoera, A., Jaya, I. « Fine-scale parameterization of turbulent mixing and internal tides in the Indonesian Throughflow during INDOMIX experiment”, AGU fall meeting, Dec. 2012.

2010:

- Bouruet-Aubertot, P., Cuypers, Y., Marec, C., Fuda, J.L. « Near-inertial wave generation within an anticyclonic eddy and turbulence in the Mediterranean Sea during BOUM experiment », Ocean Science meeting, Feb. 2012
- Cuypers, Y., Bouruet-Aubertot, P., Vialard, J., McPhaden, M.J. “Near-inertial waves and internal tides in the subtropical Indian ocean during Cirene experiment”, Ocean Sciences meeting, Feb. 2012
- 2009:**
- Bouruet-Aubertot, P., Winters, K., Gerkema, T. “Propagation of near-inertial waves beyond the critical latitude and consequences for deep ocean mixing” MOCA conference, Montreal, July 2009
- 2008:**
- Le Vaillant X., Bouruet-Aubertot P., Masson S., Madec G., Takahashi K., Vialard J., McPhaden M, Cuypers Y., Ward B. “Diagnosis of inertia-gravity waves in an oceanic general circulation model” EGU Vienne
- Bouruet-Aubertot P., Reverdin G., Turnherr A. “Low-frequency variability of the regional circulation in the Lucky strike segment and impact on mixing processes”, Ocean Science
- 2007:**
- Bouruet-Aubertot P., van Haren H. “Inertial convective subrange in the bottom boundary layer of Rockall channel”, Turbulence revisited, Liège;
- Bouruet-Aubertot P., Lelong P. « Breaking of inertia-gravity waves as inferred from direct numerical simulations », Turbulence revisited, Liège
- Le Vaillant X., Bouruet-Aubertot P., Masson S., Madec G. “Diagnosis of inertia-gravity waves in an oceanic general circulation model: an intercomparison between numerical simulations and in-situ measurements from CIRENE experiment” IUGG Rome
- 2006:**
- Bouruet-Aubertot P., van Haren H., Lelong P. “Breaking of inertia-gravity waves as inferred from in-situ measurements and direct numerical simulations”, AGU meeting, san francisco, Déc.2008;
- Bouruet-Aubertot P., Mercier H., Gaillard F., Lherminier P. « Intense inertia-gravity waves during the POMME experiment : mechanisms of generation and non linear dynamics », Ocean Sciences
- 2005:**
- Bozec, A., Bouruet-Aubertot P., Iudicone D., Béranger K., Crépon M. « An improved diagnosis of water mass transformation applied to a 50 year numerical simulation of the Mediterranean Sea », EGU Vienne
- 2004:**
- A. Bozec, P. Bouruet-Aubertot, L. Li, M. Crépon, G. Madec "Impact of the spatial resolution of the atmospheric forcing on deep water formation in the Mediterranean Sea"^(p); « Challenge in climate sciences » XVIe Rencontre de Blois, Mai 2004.
- A. Bozec, P. Bouruet-Aubertot, M. Crépon, L. Li "Interannual variability of the thermohaline circulation of the Mediterranean sea"^(p); AGU meeting, San Francisco, Déc. 2004.
- P. Bouruet-Aubertot, J. Sommeria, C. Koudella “Intermittency in stratified turbulence produced by breaking internal gravity waves”^(p), International Congress on Applied and Theoretical Mechanics (ICTAM), Varsovie, Août 2004.
- P. Bouruet-Aubertot, J. Sommeria, C. Koudella “Intermittency in stratified turbulence produced by breaking internal gravity waves”^(p), Ocean mixing conference, Victoria (Canada), Octobre 2004.
- P. Bouruet-Aubertot, C. Staquet, C. Koudella “Does the instability process of an internal gravity wave influence dissipation and mixing?”^(p), Ocean mixing conference, Victoria (Canada), Octobre 2004.
- P. Bouruet-Aubertot, H. Mercier, F. Gaillard, P. Lherminier “An analysis of intense inertia-gravity wave events during POMME experiment”^(p), Ocean mixing conference, Victoria (Canada), Octobre 2004.
- 2003**
- P. Bouruet-Aubertot, H. Mercier, F. Gaillard, P. Lherminier “Evidence of strong inertia-gravity wave activity during POMME experiment”^(c), IUGG, Sapporo (Japon), Juillet 2003.
- P. Bouruet-Aubertot, J. Sommeria, C. Koudella “ Intermittency in stratified turbulence produced by breaking internal gravity waves ”^(c), IUGG, Sapporo (Japon), Juillet 2003.
- A. Stegner, P. Bouruet-Aubertot, T. Pichon “ Nonlinear adjustment of density fronts ”^(c), IUGG, Sapporo (Japon), Juillet 2003.
- P. Bouruet-Aubertot, H. Mercier, F. Gaillard, P. Lherminier “Evidence of strong inertia-gravity wave activity during POMME experiment”^(p), EGU, Nice, Avril 2003.

-P. Bouruet-Aubertot, J. Sommeria, C. Koudella “ Intermittency in stratified turbulence produced by breaking internal gravity waves ”^(c), EGU, Nice, Avril 2003.

2002

- P. Bouruet-Aubertot, J. Sommeria, C. Koudella « Intermittence produced by breaking internal gravity waves »^(c), European Turbulence conference, Southampton, Juillet 2002

- A. Stegner, P. Bouruet-Aubertot, T. Pichon “Nonlinear geostrophic adjustment of density fronts”^(c), EGU, Nice, Avril 2002

- P. Bouruet-Aubertot, C. Staquet, C. Koudella “Mixing induced by breaking inertia-gravity waves”, EGU, Nice 2002

2001

- P. Bouruet-Aubertot, V. Echevin, « The dynamics of upwelling fronts near a coast : numerical simulations »^(p) EGS, Nice, Avril 2001

- P. Bouruet-Aubertot, C. Koudella, C. Staquet “Mixing induced by breaking internal gravity waves”^(c), EGS, Nice, Avril 2001

1999

- P. Bouruet-Aubertot, P.F. Linden, «Laboratory experiments on upwelling fronts »^(c) IUGG, Birmingham, Juillet 1999

- P. Bouruet-Aubertot, C. Koudella, C. Staquet, «Particle dispersion and mixing induced by breaking internal gravity waves »^(c) IUGG, Birmingham, Juillet 1999

- P. Bouruet-Aubertot, P.F. Linden, «Laboratory experiments on upwelling fronts »^(c) EGS, La Haye, Avril 1999

1998

- P. Bouruet-Aubertot, C. Koudella, C. Staquet, K. Winters. "Particle dispersion and mixing by breaking internal gravity waves"(c) AO Workshop “Small-scale mixing in strongly stratified flows” Cambridge, Décembre 1998

- P. Bouruet-Aubertot, C. Koudella, C. Staquet, K. Winters. "Particle dispersion and mixing by breaking internal gravity waves"(c) Konstantin Fedorov Symposium on Oceanic Fronts and Related Phenomena Pushkin, 1998

1997

- P. Bouruet-Aubertot, C. Koudella, C. Staquet, K. Winters. "Particle dispersion and mixing by breaking internal gravity waves"(c) Meeting-Workshop on Mixing in Geophysical Flows, effects on body forces in turbulent flows, Vilanova, Mars 1997

1995

- P. Bouruet-Aubertot, S.A. Thorpe "The propagation of an internal gravity wave in an accelerating shear flow: numerical experiments"(p) EUROMECH339 "Internal waves, turbulence and mixing in stratified flows" Lyon, Sept. 1995

- P. Bouruet-Aubertot, J. Sommeria & C. Staquet "Dynamics of internal waves and statistical properties"(c) EUROMECH339 "Internal waves, turbulence and mixing in stratified flows" Lyon, Sept. 1995

- P. Bouruet-Aubertot, J. Sommeria & C. Staquet "Wavebreaking and intermittency in a continuously stratified fluid"(p), Dynamic Days, Lyon, Juin 1995

1994

- P. Bouruet-Aubertot, J. Sommeria, C. Staquet "Stratified turbulence produced by internal wave breaking"(c) Fourth International Symposium on Stratified Flows, Grenoble, Juillet 1994

- P. Bouruet-Aubertot, J. Sommeria, C. Staquet "Instabilities and breaking of standing internal gravity waves:"(c) E.G.S. Meeting, Grenoble, Avril 1994

1993

P. Bouruet-Aubertot, J. Sommeria, C. Staquet, "Instabilités et déferlement d'ondes internes de gravité" (c) Congrès de la Société Française de Physique, Toulouse, Juillet 1993

1992

- P. Bouruet-Aubertot, J. Sommeria, C. Staquet "Breaking of standing internal waves: numerical experiments."(c) Meeting-Workshop on Mixing in Geophysical Flows, effects on body forces in turbulent flows, Barcelona, Décembre 1992

- P. Bouruet-Aubertot, J. Sommeria, C. Staquet "Breaking and cascade of internal gravity waves in a continuously stratified fluid"(p) European Turbulence Conference, Delft, Juillet 1992

- P. Bouruet-Aubertot, J. Sommeria, C. Staquet "Breaking and cascade of internal gravity waves in a continuously stratified fluid"(c) EGS, Edinbourg, Avril 1992